

Curriculum Vitae

**PROF.DR.IR. PARIS AVGERIOU**

**Groningen, November 2025**

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# 1. Personal

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## 1.1 Contact Details

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**Work Address:** University of Groningen, Nijenborgh 9, 9747 AG, Groningen, NL  
**Tel:** +31 50 363 7057  
**E-Mail:** [p.avgeriou@rug.nl](mailto:p.avgeriou@rug.nl)  
**Web Page:** <http://www.cs.rug.nl/~paris/>

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## 1.2 Employment

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May 2014 – present **Full Professor**, Computer Science department, University of Groningen, the Netherlands. Head of the Software Engineering and Architecture Group.

Feb. 2009 – Apr. 2014 **Associate Professor** (Prof.dr. title, tenured, with ‘ius promovendi’), Computer Science department, University of Groningen, the Netherlands. Head of the Software Engineering and Architecture Group.

Aug. 2005 – Jan. 2009 **Assistant Professor** (tenure-track), Computer Science department, University of Groningen, the Netherlands. Head of the Software Engineering and Architecture Group.

Oct. 2004 – Jul. 2005 **Senior Researcher**, Fraunhofer IPSI, CONCERT division, Darmstadt, Germany, under the ERCIM Fellowship Programme.

Jan. 2004 – Oct. 2004 **Senior Researcher**, Software Engineering Competence Center, University of Luxembourg, under the ERCIM Fellowship Programme.

Jan. 2003 – Jan. 2004 **Visiting Lecturer**, Computer Science Department, University of Cyprus, Cyprus.

Oct. 1999 – Jan. 2003 **Teaching assistant** in postgraduate and undergraduate courses at the National Technical University of Athens, Greece.  
**Research assistant** in national and E.U. funded research projects.  
**Teacher** of Computer Science for two Greek Vocational Training Centers.

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## 1.3 Studies

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Oct. 1999 – Jan. 2003 **Ph.D.** in the Department of Electrical and Computer Engineering of the National Technical University of Athens, *with highest honor*.  
Study was funded through a number of scholarships and research grants.  
Doctoral Dissertation: *A reference architecture for open Learning Management Systems*, completed at the Software Engineering laboratory.

Sep. 1994 – Oct. 1999 **Engineering Diploma** (equivalent to M.Eng.) in the Department of Electrical & Computer Engineering, National Technical University of Athens, specialization in Computer Science, *with highest honor*.  
Recipient of academic achievement award for the diploma.  
Diploma thesis: *CRITON: A CASE tool for designing web-based courseware*, completed at the Software Engineering laboratory.

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## 1.4 Professionalization and Accreditation

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1. Training Program on *Senior Teaching Qualification*, April 2025 – Mar 2026.
2. Training Program on *Active Bystander*, February 9, 2024
3. Training Program on *Communication Skills*, October 2021-February 2022.
4. Training Program on *Academic Leadership*, October 2019-August 2020.
5. Training Program on *Academic Integrity*, July 4, 2019.
6. Training Program on *Diversity and Inclusion*, May 22 2019.
7. Training for *H2020 grant acquisition*, December 4, 2014.
8. *Grants Week Groningen*, October 14-18 2013 (2 days).
9. Training Program on *Results and Development interviews for managers*, 25<sup>th</sup> June 2013 (1 day).
10. *Grants Week Groningen*, May 21-25 2012 (3 days).
11. Training Program on *Basic Teaching Qualification* (Basiskwalificatie Onderwijs - BKO), November 2010 – June 2011 (140 hours). Obtained the BKO on Dec. 2011.
12. *Grants Week Groningen*, June 6-10 2011 (3 days).
13. Training Program on *Academic Leadership*, University of Groningen, Mobility & Training Center, March-May 2008 (4 days).
14. Training Program on *Presentation Skills*, University of Groningen, University Centre for Learning & Teaching, April 2007 (4 days).
15. Training Program on *Career planning*, University of Groningen, Mobility & Training Center, September-October 2006 (4 half-days).
16. Training seminar for tenure track assistant professors, RUG FWN, 19<sup>th</sup> December 2006 (1 half-day).
17. *Dutch as a foreign language*, all 4 Levels, Language Centre, University of Groningen, September 2005 – May 2007.
18. 14th International School on *Software Architecture* for Computer Science Researchers on Software Engineering, University of Catania, Lipari, Italy, June 30<sup>th</sup> – July 13<sup>th</sup>, 2002.
19. Certified Trainer by the *National Accreditation Center of Vocational Training Structures and Accompanying Services*, Greece, 2002.
20. Certified *Electrical and Computer Engineer* by the Technical Chamber of Greece, 2001.
21. Awarded the *Certificate of Proficiency in English*, Univ. of Cambridge, UK, 1992 and subsequently certified to teach English as a Foreign Language in Greece, 1995.

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## 1.5 Awards and Distinctions

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1. Most Influential Paper Award: Ar. Ampatzoglou, Ap. Ampatzoglou, A. Chatzigeorgiou, P. Avgeriou, et al., *The Perception of Technical Debt in the Embedded Systems Domain: An Industrial Case Study*, published at the Eighth workshop on Managing Technical Debt (MTD 2016), awarded at the 9th International Conference on Technical Debt (TechDebt 2026), Rio de Janeiro, Brazil, 12 - 13 April 2026.
2. ACM SIGSOFT Distinguished Paper award: C. Zhong, D. Feitosa, P. Avgeriou, H. Huang, Y. Li, H. Zhang, *PairSmell: A Novel Perspective Inspecting Software Modular Structure*, IEEE/ACM International Conference on Software Engineering (ICSE 2025), April 27-May 3 2025, Ottawa, Canada.
3. Distinguished Reviewer Award: 2024 International Conference on Software Maintenance and Evolution (ICSME), Flagstaff, AZ, USA, 6-11 Oct. 2024.
4. Best paper award: M. Soliman, K. Gericke, P. Avgeriou, *Where and What do Architects blog? An Exploratory Study on Architectural Knowledge in Blogs, and their Relevance to Design Steps*, ICSA 2023, L'Aquila, Italy.
5. Runner-up for the Best paper award: M. Soliman, M. Galster, P. Avgeriou, *An Exploratory Study on Architectural Knowledge in Issue Tracking Systems*, European Conference on Software Architecture (ECSA 2021), LNCS vol 12857, Springer.
6. Article ranked as a "Top Downloaded Article" during its first 12 months of publication (among work published between 1 January 2019 – 31 December 2020), *Evolution of technical debt remediation in Python: A case study on the Apache Software Ecosystem*, Journal of Software: Evolution and Process.
7. Ranked 3<sup>rd</sup> in the category of experienced researchers in Software Engineering, in terms of number of journal publications (period 2013-2020), Journal of Systems and Software, Vol. 180, 2021.
8. Best paper award: Y. Li, M. Soliman, P. Avgeriou, *Identification and Remediation of Self-Admitted Technical Debt in Issue Trackers*, Euromicro Conference on Software Engineering and Advanced Applications (SEAA 2020), August 26 – 28, 2020, Kranj, Slovenia.
9. Ranked 5th in the category of experienced researchers in Software Engineering, in terms of number of publications (period 2010-2017) and 2<sup>nd</sup> taking into account only journal publications, Journal of Systems and Software, Vol. 147, 2019.
10. Article ranked as the "Most Cited Journal of Systems and Software Articles" (December 2018): Z. Li, P. Avgeriou, P. Liang, *A systematic mapping study on technical debt and its management*, Journal of Systems and Software, Volume 101, March 2015, Pages 193-220.
11. Ranked in the top 5 of Software Engineering authors in the topic of Architecture, IEEE Software vol. 5, 2018
12. Best paper award: A. Ampatzoglou, S. Bibi, A. Chatzigeorgiou, P. Avgeriou and I Stamelos, *Reusability Index: A Measure for Assessing Software Assets Reusability*, 17th International Conference on Software Reuse (ICSR), May 21-23, 2018, Madrid, Spain.
13. Article accepted as a "Journal First" and invited for presentation at the European Software Engineering Conference and the ACM SIGSOFT Symposium on the Foundations of Software Engineering (ESEC/FSE 2017), Paderborn, Germany, September 04-08, 2017: S. Charalampidou, A. Ampatzoglou, A. Chatzigeorgiou, A. Gkortzis, P. Avgeriou, *Identifying Extract Method Refactoring Opportunities based on Functional Relevance*.
14. Best full paper award: E. Arvanitou, A. Ampatzoglou, A. Chatzigeorgiou and P. Avgeriou, *A Method for Assessing Class Change Proneness*, 21<sup>st</sup> Evaluation and Assessment in Software Engineering Conference (EASE 2017), 15 - 16 June, BTH - Karlskrona, Sweden.
15. Article included in the "Practitioners' Digest" column of IEEE Software (March/April 2017): X. He, P. Avgeriou, P. Liang, Z. Li, *Technical Debt in MDE: A Case Study on GMF/EMF-*

- Based Projects*, Proceedings of the ACM/IEEE 19th International Conference on Model Driven Engineering Languages and Systems (MODELS), October 2-7 2016, Saint Malo, France.
16. Best paper award: G. Lewis, P. Lago, P. Avgeriou, *A Decision Model for Cyber-Foraging Systems*, 13th Working IEEE/IFIP Conference on Software Architecture (WICSA 2016), Venice, Italy, April 5-8, 2016.
  17. Article listed in the “Most Downloaded Journal of Systems and Software Articles” (September 2016): R. Capilla, A. Jansen, A. Tang, P. Avgeriou, M. Ali Babar, *10 years of Software Architecture Knowledge Management: Practice and Future*, Journal of Systems and Software, Elsevier, Volume 116, June 2016, Pages 191–205.
  18. Article listed in the “Most Downloaded Information and Software Technology Articles” (March 2016): E. Arvanitou, A. Ampatzoglou, A. Chatzigeorgiou, P. Avgeriou, *Software Metrics Fluctuation: A Property for Assisting the Metric Selection Process*, Information and Software Technology, Elsevier, Volume 72, 2016, Pages 110-124.
  19. Article accepted as a “Journal First” and invited for presentation at the European Software Engineering Conference and the ACM SIGSOFT Symposium on the Foundations of Software Engineering (ESEC/FSE 2015), Bergamo, Italy from August 30 – September 4: A. Ampatzoglou, A. Chatzigeorgiou, S. Charalampidou, P. Avgeriou, *The Effect of GoF Design Patterns on Stability: A Case Study*.
  20. Outstanding reviewer for the Journal of Systems & Software, June 2015.
  21. Second most popular article on IEEE TSE (April 2014): M. Galster, D. Weyns, D. Tofan, B. Michalik, P. Avgeriou, *Variability in Software Systems - A Systematic Literature Review*, IEEE Transactions on Software Engineering, Volume:40, Issue: 3, March 2014, Pages: 282 - 306.
  22. Article listed in the “Most Downloaded Information and Software Technology Articles” (August 2014): Michiel Koning, Marco Sinnema, Changai Sun, P. Avgeriou, *VxBPEL: Supporting variability for Web services in BPEL*, Information and Software Technology, Volume 51, Issue 2, February 2009, Pages 258 – 269, Elsevier.
  23. Best paper award: C. Manteuffel, D. Tofan, H. Koziolk, T. Goldschmidt, P. Avgeriou, *Industrial Implementation of a Documentation Framework for Architectural Decisions*, 11th Working IEEE/IFIP Conference on Software Architecture (WICSA 2014), Sydney, Australia on April 7-11, 2014.
  24. Article listed in the “Most Downloaded Information and Software Technology Articles” (January 2012): K. Stol, M. Ali Babar, P. Avgeriou, B. Fitzgerald, *A comparative study of challenges in integrating Open Source Software and Inner Source Software*, Information and Software Technology, Volume 53, Issue 12, December 2011, Pages 1319-1336, Elsevier.
  25. Candidate for best paper award: U. van Heesch, P. Avgeriou, *Mature Architecting - A Survey about the Reasoning Process of Professional Architects*, 9th Working IEEE/IFIP Conference on Software Architecture (WICSA), 20-24 June 2011 Boulder, Colorado, USA.
  26. Article listed in the top ten (10) most cited papers among all the papers published by JSS in 2010: A. Tang, P. Avgeriou, A. Jansen, R. Capilla, and M. Ali Babar, *A comparative study of architecture knowledge management tools*, Journal of Systems and Software (Volume 83, Issue 3).
  27. Candidate for best paper award: T. Callo, P. America, P. Avgeriou, *Defining Execution Viewpoints for a Large and Complex Software-Intensive System*, 2009 Joint Working IEEE/IFIP Conference on Software Architecture & European Conference on Software

Architecture (WICSA/ECSA 2009), Cambridge UK; invited to the Journal of Systems and Software.

28. Best paper award: T. Callo, P. Avgeriou, P. America, *Analyzing the Actual Execution of a Large Software-Intensive System for Determining Dependencies*, Working Conference on Reverse Engineering (WCRE 2008), October 15th-18th, 2008 - Antwerp, Belgium.
29. Award of “Most innovative Computer Science teacher of the year 2006-07”, Computer Science, University of Groningen. Nominated for the Faculty Education Award 2007.
30. Nominated for the Young Academy – Royal Dutch Academy of Sciences (De Jonge Akademie - Koninklijke Nederlandse Akademie van Wetenschappen), 2006.
31. Post-doctoral Fellowship of the European Research Consortium for Informatics and Mathematics (ERCIM), <http://www.ercim.org/> (Jan. 2004 – Jul. 2005), **acceptance rate for this round was 10%**.
32. Best paper award from the Thomaidio Foundation, Athens (2003), concerning the paper *Developing an architecture for the Software Subsystem of a Learning Technology System – an Engineering approach*, proceedings of IEEE International Conference of Advanced Learning Technologies, 2001.
33. Scholarship from the Division of Computer Science of the Department of Electrical and Computer Engineering, National Technical University of Athens, for the support of doctoral research (2001-2003).
34. Scholarship from the Institute of Communication and Computer Systems (ICCS), National Technical University of Athens, for the support of doctoral research (1999-2001).
35. Academic achievement award for undergraduate studies in the Department of Electrical and Computer Engineering, National Technical University of Athens, from the Technical Chamber of Greece, (2000).

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## 1.6 Membership in scientific & professional bodies

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1. Member of the International Software Engineering Research Network (ISERN <http://isern.iese.de/>), 2014-present.
2. Senior member of the Institute of Electrical and Electronics Engineers (IEEE) and IEEE Computer Society (<http://www.ieee.org/>), 2006-present (senior since 2013).
3. Member of the Association for Computing Machinery (ACM – [www.acm.org](http://www.acm.org)), Special Interest Group on Software Engineering (SIGSOFT), 2020-present.
4. Member of the Royal Institute for Engineers (Koninklijk Instituut Van Ingenieurs – [www.kivi.nl](http://www.kivi.nl)), 2019-2022.
5. Member of the ERCIM Working Group on SERENE: Software Engineering for RESilieNt systEMs (formerly Rapid Integration of Software Engineering techniques) (<http://rise.uni.lu/>), 2005-present.
6. Member of Hillside (<http://hillside.net/>) and Hillside Europe (<http://hillside-europe.net/>): the US and European organizations respectively which promote the idea of software patterns in the scientific community and organize the Pattern Languages of Programs (PLoP) conferences, 2004-present.
7. Founding member of the World-wide Institute of Software Architects. Chapter president of the WWISA Athens Chapter (2003-2005).
8. Registered Engineer at the Technical Chamber of Greece (<http://www.tee.gr>), 2001-present.

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## 1.7 Languages

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Greek	Native.
English	Fluent - awarded the Certificate of Proficiency in English, Univ. of Cambridge, UK.
Dutch	Good - certificate of finishing 4 levels at the Language Centre, University of Groningen.
French	Basic.

# 2 Education

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## 2.1 Teaching

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### 2.1.1 Lecturing and Coordination

#### Ph.D. courses

- Sep. 2016 – Jan 2020 *Mastering your PhD* (mentor), Faculty of Science and Engineering, University of Groningen.
- June 2017 - present *International Software Architecture PhD School - iSAPS* (coordinator and lecturer), Lorentz Center, the Netherlands.

#### M.Sc. courses

- Sep. 2021 – Present *Evidence-based Software Engineering*, Computer Science, University of Groningen.
- Sep. 2006 – Jan. 2021 *Software Patterns*, Computer Science, University of Groningen.
- Sep. 2005 – Present *Software Architecture*, Computer Science, University of Groningen.
- Nov. 2005 – Jan 2006 *Student Colloquium* (co-lecturer), Computer Science, University of Groningen.
- Jan. 2003 - Jun. 2003 *Learning Technologies and Open/Distance Learning* (co-lecturer), Computer Science Department, University of Cyprus.

#### B.Sc. courses

- Sep. 2013 – present *Software Engineering I and II* (co-lecturer), Computer Science, University of Groningen.
- Sep. 2013 – 2016 *Software Quality Assurance and Testing* (coordinator), Computer Science, University of Groningen.
- Sep. 2007 - present *B.Sc. Graduation Project*, Computer Science, University of Groningen.
- Sep. 2007 - Jun.2013 *Software Engineering I and II* (coordinator), Computer Science, University of Groningen.
- Sep. 2007 – present *Software Requirements Engineering* (coordinator), Computer Science, University of Groningen.
- Feb. 2006 – Apr. 2006 *Software Analysis and Design* (co-lecturer) Computer Science, University of Groningen.
- Sep. 2003 – Jan. 2004 *EPL132: Principles of Programming II*, Computer Science Department, University of Cyprus.
- Sep. 2003 – Jan. 2004 *EPL422: Multimedia, Hypermedia and Cyberspace*, Computer Science Department, University of Cyprus.
- Jan. 2003 – Jun. 2003 *EPL032: Programming of Problem-Solving Methods*, Computer Science Department, University of Cyprus.
- Jan. 2003 – Jun. 2003 *EPL01: Introduction to Computer Science*, Computer Science Department, University of Cyprus.

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## 2.2 Supervision of students and researchers

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### 2.2.1 Postdocs

1. Mohamed Soliman, *Architecture Decisions that Incur Technical Debt*, FSE Postdoc Fellow, September 2019-August 2023.
2. Vinicius Durelli, *Architecture Evaluation for Critical Embedded Systems*, ACES project funded by CNPq and CAPES Brazil, June 2014 – June 2015.
3. Matthias Galster, *Architecture Variability in Software as a Service*, SAS-LEG project funded by NWO, June 2010 – December 2012.
4. Peng Liang, *Architecture knowledge ontologies*, HEFBOOM project funded by NWO, August 2007 – November 2009.
5. Anton Jansen, *Architectural knowledge management*, GRIFFIN project funded by NWO, October 2006 – October 2008.

### 2.2.2 PhD students

Direct supervisor (promotor in Dutch)

1. Minh Binh Tran, *Managing Environmental Sustainability and its Tradeoffs*, University of Groningen (2025-2029), with Vasilios Andrikopoulos.
2. Saagarika Gosu, *Managing Technical Sustainability and its Tradeoffs*, University of Groningen (2025-2029), with Daniel Feitosa.
3. Eoan O’Dea, *A Measurement-Driven Approach to Enhancing Sustainability in Microservice Architectures*, University of Groningen and University of L’Aquila (2024-2028), with Henry Muccini.
4. Jesse Maarleveld, *Machine Learning for Technical Debt Management*, University of Groningen (2023-2027), with Daniel Feitosa and Jiapan Guo.
5. João Paulo Biazotto, *Managing Technical Debt under adverse conditions*, University of Groningen (2022-2026), with Daniel Feitosa and Elisa Nakagawa.
6. Sara Mahdavi-Hezavehi, *Architecture-Based Self-Adaptation for Multiple Concerns*, University of Groningen and Linnaeus University, with Danny Weyns. Awarded 13-10-2025.
7. Yikun Li, *Management of self-admitted technical debt using machine learning*, University of Groningen, with Mohamed Soliman. Awarded 23-4-2024.
8. Ruiyin Li, *Understanding, Analysis, and Handling of Software Architecture Erosion*, University of Groningen, with Peng Liang. Awarded 9-1-2024.
9. Hector Fabio Cadavid Rengifo, *Cross-disciplinary Architecting of Systems of Systems - Bridging the Gap*, University of Groningen, with Vasilios Andrikopoulos. Awarded 27-11-2023.
10. Darius Sas, *Managing technical debt: prioritising and quantifying architectural smells*, University of Groningen, with Francesca Arcelli. Awarded 19-12-2022.
11. Jie Tan, *Technical Debt Repayment in Practice*, University of Groningen, with Daniel Feitosa. Awarded 17-12-2021.

12. Georgios Digkas, *Reducing Technical Debt Density: Refactoring vs. Writing Clean New Code*, University of Groningen, with Alexander Chatzigeorgiou and Apostolos Ampatzoglou. Awarded 8-10-2021.
13. Areti Ampatzoglou, *Economics-driven Technical Debt Management*, University of Groningen. Awarded 15-2-2021.
14. Sofia Charalampidou, *Managing Technical Debt through Software Metrics, Refactoring and Traceability*, University of Groningen (2014-2019). Awarded 28-6-2019.
15. Daniel Feitosa, *Applying Patterns in Embedded Systems Design for managing Quality Attributes and their Trade-offs*, University of Groningen (2013 - 2018), awarded on 25-1-2019.
16. Elvira Maria Arvanitou, *Proposing and Empirically Validating Change Impact Analysis Metrics*, University of Groningen (2013 - 2018), awarded on 13-7-2018.
17. Chen Yang, *Architectural assumptions and their management in software development*, University of Groningen and Wuhan University (2013 - 2017), awarded on 2-3-2018.
18. Zengyang Li, *Managing Technical Debt in Software Architecture*, University of Groningen (2011 - 2015). Awarded on 29-6-2015.
19. Dan Tofan, *Understanding and Supporting Software Architectural Decisions*, University of Groningen (2009 - 2015). Awarded on 20-11-2015.
20. Uwe van Heesch, *Architecture Decisions: The next step - Understanding, modeling, supporting and reviewing architecture decisions*, University of Groningen (2008 - 2012). Awarded on 18-12-2012.
21. Ahmad Waqas Kamal, *Modeling Variability and Integration of Architectural Patterns*, University of Groningen (2006-2012). Awarded on 27-1-2012.
22. Trosky Boris Callo Arias, *Execution Architecture Views For Evolving Software-Intensive Systems*, University of Groningen (2006-2011). Awarded on 17-6-2011.
23. Neil Harrison, *Improving Quality Attributes of Software Systems through Software Architecture Patterns*, University of Groningen (2006-2011). Awarded on 18-4-2011.

Co-supervisor (co-promotor in Dutch)

1. Edi Sutoyo, *The impact of Natural Language Processing tools on the detection of Technical Debt*, University of Groningen (2023-2027), with Andrea Capiluppi.
2. Jan Salvador van der Ven, *Preserving and Reusing Architectural Design Decisions*, University of Groningen, with Jan Bosch. Awarded on 8-4-2019.
3. Klaas-Jan Stol, *Supporting Product Development with Software from the Bazaar*, Lero - the Irish Software Engineering Research Centre, University of Limerick, Ireland (2008-2011), with M. Ali Babar and Brian Fitzgerald. Awarded on 24-10-2011.
4. Anton Jansen, *Architectural design decisions*, University of Groningen (2002-2008), with Jan Bosch and Dieter Hammer. Awarded on 19-7-2008.

### 2.2.3 M.Sc. theses

1. Joep Scheltens, *Language-Agnostic Codebase Graph Generator for Technical Debt Analysis*, University of Groningen, 2025.

2. Thorsten Rangnau, *Determining the rationale of architectural smells from issue trackers*, University of Groningen, 2020.
3. Ronald Kruizinga & Ruben Scheedler, *Exploring the Relation between Co-changes and Architectural Smells*, University of Groningen, 2020.
4. Jasper C. Mohlmann, *Architectural smell detection using variable parameters based on project metrics*, University of Groningen, 2019.
5. Timo Smit, *Trading off technical debt and run-time qualities*, University of Groningen, 2019.
6. Jeroen Brandsma, *Design and validation of a software architecture when integrating third party software components*, University of Groningen, 2018.
7. Alexandra Matreata, *Architectural Knowledge Sharing: a Systematic Mapping Study*, University of Groningen, 2017.
8. Maria Lydia Fioravanti, *Towards a Pattern Language for Architectural Knowledge Sharing*, University of Groningen, 2017.
9. Rutger Alders, *Trade-offs in performance and energy consumption of design patterns*, University of Groningen, 2016.
10. Antonios Gkortzis, *Extract Method Refactoring Opportunities by Applying the Single Responsibility Principle*, University of Groningen, 2015.
11. Ruurtjan Pul, *Flexible data flow management in data processing systems*, University of Groningen, 2015.
12. Ramón Urías, *A source code analysis tool for quality metrics*, Universidad Autónoma Metropolitana, Mexico, 2015
13. Christian Manteuffel and Spyridon Ioakeimidis, *Tool-support for Architecture Decision Documentation*, University of Groningen, 2013.
14. Grayson Kleine, *Documenting architectural knowledge in Software Architecture*, University of Groningen, 2013.
15. Konstantinos Tselios, *Decision-making in software architecture: The GADGeT approach*, University of Groningen, 2012.
16. Sara Mahdavi, *Variability in quality attributes of service-based software systems: A systematic literature review*, University of Groningen, 2011.
17. Mattijs Kersten, *How to make runtime architectural design decisions*, University of Groningen 2010.
18. Michel de Jong, *Traceability between architecture decisions and models*, University of Groningen, 2010.
19. Hubert ten Hove, *A back-end server for an architecture knowledge repository*, University of Groningen 2010.
20. Reinder Kamphorst, *Comparing quantitative architecture analysis models*, University of Groningen 2009.
21. Sebastiaan Frijling, *Data warehouse and RUP: a case study at KPN*, University of Groningen 2009.
22. Nick Kirtley, *Modeling architectural primitives in UML*, University of Groningen 2008.

23. Jens Rasmussen, *Understanding Software Architectures: Tracing architectural knowledge in software architecture documentation*, University of Groningen 2008.
24. Tjaard de Vries, *Knowledge management on quantitative architectural analysis*, Astron and University of Groningen, 2008.
25. Job Habraken, *Architectures for e-Learning solutions*, Open University, 2008.
26. Daniel Neeteson, *Parameter History Logging as an Architecturally Sensitive Usability Scenario in Automation Systems*, University of Tampere (Finland) and University of Groningen, 2007.
27. Mark Bastiaans, *Wireless Sensor Network Architectures*, TNO ICT and University of Groningen, 2007.
28. Samvel Petrosyan, *System Wide Notification Service*, Chipsoft and University of Groningen, 2007.
29. Ewoud Werkman, *Modeling runtime adaptability*, Fraunhofer IESE, Germany and University of Groningen, 2007.
30. Bjørn Lindeijer, *Architecting Distributed Meeting Software*, Fraunhofer IPSI, Germany and University of Groningen, 2007.
31. Feike Kramer, *A software architecture for a nearcast platform*, TNO ICT and University of Groningen, 2006.
32. M. Bouloukakis, *LOM\_MS: A Learning Object Metadata Management System*, Department of Electrical and Computer Engineering, National Technical University of Athens (2000).
33. A. Papasalouros, *A case study for the Rational Rose CASE Tool*, Department of Electrical and Computer Engineering, National Technical University of Athens (2000).
34. F. Stathopoulos, *IMS-QTI: A software system for the support of creating and managing web-based assessment tests*, Department of Electrical and Computer Engineering, National Technical University of Athens (2000).

#### 2.2.4 Internships

1. Jesus Beneyto Gomez Polo, *Systematic Literature Review on quality tradeoffs*, University of Groningen, 2025.
2. Claudio Tessa, *Trade-offs between technical and environmental sustainability*, University of Groningen, 2025.
3. Maarten van Ittersum, *Improving the SATD visualizer*, University of Groningen, 2023.
4. Shaniya Hassan Ali, *Mining Self-Admitted Technical Debt in Code Review Platforms*, University of Groningen, 2021.
5. Ana Roman, *Web services integration to ATracker*, University of Groningen, 2020.
6. Nivin Pradeep Kumar, *An Exploratory Study on Technical Debt Introduction and Repayment in the GitHub Issue Tracker*, University of Groningen, 2020.
7. Filipe Capela, *Exploring architectural design decisions in issue tracking systems*, University of Groningen, 2020.
8. Dan Chirtoaca, *A Mapping Study on Documentation in Continuous Software Development*, University of Groningen, 2018.

9. Ronald Kruizinga and Ruben Scheedler, *rationaly - Software Architecture Specification*, University of Groningen, 2018.
10. Eric Rwemigabo, *Tooling for Analysis of Software Quality (Seagle)*, University of Groningen, 2017.
11. Kyriakos Kyriakidis, *An adaptation engine for TAS*, University of Groningen, 2017.
12. Timo Smit, *DevOps at Rabobank*, University of Groningen, 2017.
13. Samet Dumankaya, *Large-scale analysis of quality attributes of GoF patterns on open-source software*, summer internship, University of Groningen, 2016.
14. Jeroen Brandsma, *An Architectural Assumption Documentation Tool for Industry*, University of Groningen, 2016.
15. Evaggelos Karountzos, *Mapping study and traceability approaches*, University of Groningen, 2015.
16. Begum Benel, Seren Sencer, Can Berker Çıkış, various summer internship projects from Sabanci University (Turkey), University of Groningen, 2015.
17. Mathieu Kalksma, *Enhancing the Decision Architect tool suite*, University of Groningen, 2015.
18. Jeroen David van Leusen, *Static analyzer for C/C++*, University of Groningen, 2015.
19. Çağla Koca, Mehmet Furkan İpek, Talha Ongun, Özlem Muslu, Yavuz Selim Emir, Melda Seren İnan, various summer internship projects from Sabanci University (Turkey), University of Groningen, 2014.
20. Wytse Visser, *Documenting architectural knowledge using the repertory grid technique*, University of Groningen, 2014.
21. Antonios Gkortzis, *Maintainability Prediction Metrics Suite*, University of Groningen, 2014.
22. Marc Holterman, *Maintenance and Evolution of the Decision Architect tool set*, University of Groningen, ongoing.
23. Mark Hoekstra, *Maintenance and Evolution of the Decision Architect tool set*, University of Groningen, 2014.
24. Hessel van Apeldoorn, *Maintenance and Evolution of the Decision Architect tool set*, University of Groningen, 2014.
25. Laurence de Jong, *A Systematic Literature Review on Self-adaptive systems*, University of Groningen, 2014.
26. Şevki Murat Ayan, *Evolution of tool suite for the Repertory Grid Technique*, University of Groningen, 2013.
27. Can Menekşe, *Identifying architecture smells from source code analysis*, University of Groningen, 2013.
28. Jos van der Til, *Tool support for the Repertory Grid Technique*, University of Groningen, 2013.
29. Punitha Ramalingam, *Extending and Maintaining Tool Support for the RGT*, University of Groningen, 2013.
30. Wes Schuitema, *Systematic Literature Review for Architecture Decisions*, University of Groningen, 2012.

31. Christian Manteuffel, *Requirements Engineering for Variability-intensive Software Systems*, University of Groningen, 2012.
32. Spyridon Ioakeimidis, *Tool Support for Capturing Architectural Decisions*, University of Groningen, 2012.
33. Fotis Katsantonis, *Market overview of tools to transform business processes into SOA-based applications*, University of Groningen, 2012.
34. Deniz Marlali, *Tool support for systematic mapping studies*, University of Groningen, 2012.
35. Konstantinos Tselios, *Decision support based on the Repertory Grid*, University of Groningen, 2011.
36. Grayson Kleine, *Searching for the next discovery – SODA: SLR online Search Desktop Application*, University of Groningen, 2011.
37. Alexander Bograd, *Relating SOA Design Patterns to Quality Attributes*, University of Groningen, 2011.
38. Xander Elsas, *Managing Reference Lists*, University of Groningen, 2011.
39. Ramon Urias Morales, *Tool support for Analyzing Systematic Literature Reviews*, University of Groningen, 2011.
40. Stefan Arians and Ben Ripkens, *the Open Decision Repository*, University of Groningen, 2011.
41. Niels Luten, *Tool Support for Execution Information Exploration*, Hanze University of Technology, 2010.
42. Sara Mahdavi, *Instantiating Knowledge in the Open Pattern Repository*, University of Groningen, 2010.
43. Martin Verspai and Christian Manteuffel, *the Open Pattern Repository*, University of Groningen, 2010.
44. Lazaro Luhusa, *Model Driven Visualization of Execution Architectures*, University of Groningen, 2009.
45. Michel de Jong, *Online Repository for Patterns and Technologies*, University of Groningen, 2009.
46. Joris Best, *An architecture knowledge explorer*, University of Groningen, 2007.
47. Hubert ten Hove and Marco van der Kooi, *Visualization support for architecture knowledge*, University of Groningen, 2007.
48. Herman van Rink and Sjouke W. Boersma, *Constraining patterns in OCL*, University of Groningen, 2006.
49. Nick Kirtley, *BPEL Template Processes*, University of Groningen, 2006.

### 2.2.5 B.Sc. Theses

1. Ravi Isaac Maingot, *Exploring Architectural Knowledge in Open Source System Mailing Lists*, University of Groningen, 2024.
2. Eize de Haan, *Detecting self-admitted technical debt in an industrial setting*, University of Groningen, 2022.

3. Maarten van Ittersum, *Visualizing Self-Admitted Technical Debt in a Web-based Application*, University of Groningen, 2021.
4. Ai Deng, *Mining Technical Debt in Commit Messages and Commit Linked Issues*, University of Groningen, 2020.
5. Dammes de Zoeten, *An Exploratory Study on Technical Debt Introduction and Repayment in the Google Issue Tracker*, University of Groningen, 2020.
6. Oliver Holder, *Training Machine Learning Models to Automatically Identify Technical Debt in Issue Trackers*, University of Groningen, 2020.
7. Theodosios Athanasakis, *Measuring Parent Centrality in Java Packages*, University of Groningen, 2020.
8. Patrick Beuks, *Building a dependency graph from Java source code files*, University of Groningen, 2019.
9. Wouter Hertsenberg, *A library for calculating Git change metrics*, University of Groningen, 2019.
10. Sophie Hugenholtz and Rayan Brouwer: *Identifying and Classifying Approaches for Sharing Architecture Decisions*, University of Groningen, 2016.
11. Ronald Kruizinga and Ruben Scheedler: *A viewpoint-based decision documenting tool for Microsoft Visio*, University of Groningen, 2016.
12. Marijn Scholtens, *Improving Quality Analysis during Continuous Integration*, University of Groningen, 2016.
13. Marijn Verbeek, *Guidelines for Identifying and Reporting Threats to Validity for Secondary Studies in Software Engineering: A Tertiary Study*, University of Groningen, 2015.
14. Jeroen David van Leusen, *Tool support for software metrics calculation of Java projects*, University of Groningen, 2014.
15. Razvan Florea, *RESTful Web Service for Architecture Decisions*, University of Groningen, 2014.
16. Cláudio Belo Lourenço, *Open Pattern Repository Plugin for Visual Paradigm*, University of Groningen, 2010.
17. Johan Drenthen, *Visualizing patterns in UML diagrams*, University of Groningen 2009.
18. Samuel Esposito, *Code Generation for UML Diagrams*, University of Groningen 2009.
19. Patrick Ratelband, *A visualization tool for displaying dynamically a topology layout*, University of Groningen 2008.

# 3 Professional Service

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## 3.1 Scientific boards and experts committees

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1. Member of the Selection committee for the 2023 ACM SIGSOFT Outstanding Research, Influential Educator, and Distinguished Service awards.
2. Member of the Scientific Advisory Board for Informatics of the Lorentz Center, University of Leiden, Jan. 2020 – Dec. 2024.
3. Committee for the *Best Engineering Thesis award*, Groningen Engineering Center, University of Groningen, 2020 and 2021 rounds.
4. Member of ICT Research Platform Nederland (IPN), 2018-present.
5. Steering committee of the Groningen Engineering Center, 2016 – present.
6. Vice-chair of the Dutch National Association for Software Engineering (VEReniging Software Engineering Nederland – VERSEN), 2020-present (board member since 2015).
7. Jury for the *Best PhD thesis prize*, Faculty of Mathematics and Natural Sciences, University of Groningen, 2015.
8. Expert Committee for the *Best IPA Dissertation Award*, Research School Institute for Programming and Algorithmics, the Netherlands, 2013 and 2014 rounds.
9. Advisory board for the EU FP7 TERESA project, <http://www.teresa-project.org/>, 2011-2013.
10. Board of the Research School “Institute for Programming and Algorithmics” (IPA), <http://www.win.tue.nl/ipa>, 2011-present.

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## 3.2 Editorships of scientific journals

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1. (co-)Editor-in-Chief of the Journal of Systems and Software, Elsevier, Jan. 2017 – present.
2. Member of the IEEE Software Editorial Board, serving as Associate Editor-in-Chief responsible for software engineering models and methods, 2015-present.
3. D. Falessi, P. Kruchten, P. Avgeriou, Special Issue of the Journal of Systems and Software on *Technical Debt in Software Systems*, 2016.
4. M. Galster, P. Avgeriou, D. Weyns, T. Männistö, Special Issue of the Journal of Systems and Software on *Variability in Software Architecture*, 2014.
5. P. Avgeriou, M. Stal, R. Hilliard, Special Issue of IEEE Software on *Architecture Sustainability*, November/December 2013.
6. P. Avgeriou, N. Harrison, U., Zdun, Special Issue of Springer Transactions on Pattern Languages of Programming (TPLOP): *Pragmatic and systematic approaches in applying patterns*, February 2011. <http://dx.doi.org/10.1007/978-3-642-19432-0>
7. P. Lago, P. Avgeriou, R. Hilliard, Special Issue of IEEE Software on *Software Architecture: Framing Stakeholders' Concerns*, November/December 2010.

8. Member of the editorial board of Transactions on Pattern Languages of Programming, Springer (TPLOP), 2008-present.

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### 3.3 Organization of Scientific Events

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1. Virtualization Co-chair: IEEE/ACM International Conference on Software Engineering (ICSE 2027), Dublin, Ireland.
2. Co-chair: Early Career Researchers Forum, International Conference on Software Architecture (ICSA 2026), 22-26 June 2026, Amsterdam, the Netherlands.
3. Co-chair: Technical Briefings track, IEEE/ACM International Conference on Software Engineering (ICSE 2026), April 12-18, 2026, Rio de Janeiro, Brazil.
4. Co-organizer: Second National Congress on Autonomous Systems, 1<sup>st</sup> April 2026, Drachten, the Netherlands.
5. Co-chair: International Software Architecture PhD School (iSAPS 2025), 3-7 November 2025, Lorentz Center, the Netherlands.
6. Co-chair: Tutorials Track, ACM International Conference on the Foundations of Software Engineering (FSE 2025), June 23-27, 2025, Trondheim, Norway.
7. Co-chair: Most Influential Paper (MIP) Award committee, International Conference on Technical Debt 2025, Sat 26 April - Sun 4 May 2025, Ottawa, Ontario, Canada.
8. Co-organizer: First National Congress on Autonomous Systems 2025, 2<sup>nd</sup> April 2025, Drachten, the Netherlands.
9. Co-organizer: P. Avgeriou, I. Ozkaya, H. Koziolok, Z. Codabux, Dagstuhl Perspectives Workshop on "Reframing Technical Debt", 4-8 November 2024, Dagstuhl, Germany.
10. Co-chair, Joint ECSA/SPLC Discussion Panel on '*Software architectures and product lines: together for more impact*', 18th European Conference on Software Architecture (ECSA), 2-6 September 2024, Luxembourg.
11. Co-chair, Most Influential Paper (MIP) Award committee, 18th European Conference on Software Architecture (ECSA), 2-6 September 2024, Luxembourg.
12. Co-chair: Workshops Track, International Conference on Software Architecture (ICSA 2024), Hyderabad, India 4-8 June 2024.
13. Co-chair: International Software Architecture PhD School (iSAPS 2024), 21-24 May 2024, Lorentz Center, the Netherlands.
14. Co-organizer: Software Architecture Town Hall at the 46th International Conference on Software Engineering (ICSE 2024), April 14-20, Lisbon, Portugal.
15. Co-chair: International Software Architecture PhD School (iSAPS 2023), 5-9 June 2023, Lorentz Center, the Netherlands.
16. Co-chair, Most Influential Paper Award, IEEE International Conference on Software Architecture (ICSA 2023), 13-17 March 2023, L'Aquila, Italy.

17. Organizer: North SE 2022 – Connecting software research and practice, December 19<sup>th</sup> 2022, University of Groningen, the Netherlands.
18. Program co-chair: 38th IEEE International Conference on Software Maintenance and Evolution (ICMSE 2022), 3-7 October, 2022, Limassol, Cyprus.
19. Co-chair: Emerging Research and Vision Track, 16th ACM/IEEE International Symposium on Empirical Software Engineering and Measurement (ESEM 2022), Helsinki, Finland, 19-23 September 2022.
20. Co-chair: Working Sessions, 19th IEEE International Conference on Software Architecture (ICSA 2022), 12-15 March 2022, Hawaii, USA.
21. Co-chair: Working Session on Empirical Software Engineering Education, ISERN Annual Meeting, co-located with the 15th ACM/IEEE International Symposium on Empirical Software Engineering and Measurement (ESEM 2021), online.
22. Co-chair: Journal First Track at the IEEE International Conference on Software Maintenance and Evolution (ICSME 2021), September 27 - October 1 2021, Luxembourg.
23. Co-chair: Software Engineering and Technical Debt (SEaTeD) Track at the 47th EUROMICRO SEAA Conference, Palermo, Italy, September 6-8, 2021.
24. Co-chair: Ideas, Visions and Reflections Track at the ACM Joint European Software Engineering Conference and Symposium on the Foundations of Software Engineering (ESEC/FSE 2021), Mon 23 - Fri 27 August 2021 Athens, Greece.
25. Co-chair: International Software Architecture PhD School (iSAPS 2021), 14-18 June 2021, Lorentz Center, the Netherlands.
26. Virtualization Co-chair: The ACM Joint European Software Engineering Conference and Symposium on the Foundations of Software Engineering (ESEC/FSE 2020), Fri 6 - Mon 16 November 2020 Sacramento, California, United States.
27. Co-chair: Tool demos track at the 14th European Conference on Software Architecture (ECSA), 14-18 September 2020, L'Aquila, Italy.
28. Co-chair: Special Session Software Engineering and Technical Debt (SEaTeD), at the 46th EUROMICRO SEAA, Portorož, Slovenia, August 26-28, 2020.
29. Co-chair: Virtual Social Events of the International Conference on Software Engineering (ICSE 2020), July 6-10, 2020, Seoul, South Korea.
30. Co-chair: Journal First Track of the 27th IEEE International Conference on Software Analysis, Evolution and Reengineering (SANER), London, Ontario, February 18-21, 2020.
31. Organizer: Groningen Workshop on Technical Debt (GrowDebt), 24-26 June 2019, Groningen, the Netherlands.
32. Co-chair: International Software Architecture PhD School (iSAPS 2019), 17-21 June 2019, Lorentz Center, the Netherlands.
33. Program co-chair of the Second International Conference on Technical Debt (Tech Debt), May 26-27, 2019, Montreal, Canada.

34. Organizer: North SE 2019 – Connecting software research and practice, April 8<sup>th</sup> 2019, University of Groningen, the Netherlands
35. Program co-chair of the International Conference on Software Architecture (ICSA 2019), March 25 – 29 2019, Hamburg, Germany.
36. Co-chair: 12th Workshop on Distributed Software Development, Software Ecosystems and Systems-of-Systems, in conjunction with the 12th European Conference on Software Architecture (ECSA) September 24<sup>th</sup>, 2018, Madrid, Spain.
37. Co-chair: PhD symposium at the European Conference on Software Architecture (ECSA 2018), 24-28<sup>th</sup> 2018, September, Madrid, Spain.
38. Co-chair: Special Session on Software Engineering and Technical Debt (SEaTeD), at the 44th EUROMICRO-SEAA (2018), 29-31 August 2018, Prague, Czech Republic.
39. Co-chair: K. Drira, F. Oquendo, P. Avgeriou, C. Cuesta, *Sixth International Workshop on Software Engineering for Systems-of-Systems* (SESoS 2018), in conjunction with the 40th International Conference on Software Engineering (ICSE), Gothenburg, Sweden, 29<sup>th</sup> May 2018.
40. Co-chair: International Software Architecture PhD School (iSAPS), 23-26 April 2018, Lorentz Center, the Netherlands.
41. Co-chair: North SE 2017 – Connecting software research and practice, November 29<sup>th</sup> 2017, University of Groningen, the Netherlands
42. Co-chair: 15<sup>th</sup> International Doctoral Symposium on Empirical Software Engineering, at the Empirical Software Engineering Week, November 6-10, 2017, Toronto, Canada.
43. Co-chair: Special Session on Software Engineering and Technical Debt (SEaTeD), at the 43rd EUROMICRO-SEAA (2017), 1<sup>st</sup> September 2017, Vienna, Austria.
44. Co-chair: International Software Architecture PhD School (iSAPS), 6-9 June 2017, Lorentz Center, the Netherlands.
45. Co-chair: E. Nakagawa, F. Oquendo, P. Avgeriou, R. Santos, *Fifth International Workshop on Software Engineering for Systems-of-Systems* (SESoS 2017), in conjunction with the 39th International Conference on Software Engineering (ICSE 2017), Buenos Aires, Argentina, 23<sup>rd</sup> May 2017.
46. Co-chair: *Software Architecture Tool Demonstrations*, at the International Conference on Software Architecture (ICSA 2017), 5–7 April 2017, Gothenburg, Sweden.
47. Co-chair: B. Hamid, P. Avgeriou, U. Zdun, *International workshop on Interplay of Security, Safety and System/Software Architecture* (ISSA), in conjunction with the European Conference on Software Architecture (ECSA 2016), 28 Nov. – 2 Dec. 2016, Copenhagen, Denmark.
48. Co-chair: F. Oquendo, P. Avgeriou, C. Cuesta, K. Drira, E. Nakagawa, J. Maldonado, A. Zisman, *Fourth International Workshop on Software Engineering for Systems-of-Systems* (SESoS 2016), in conjunction with 38th International Conference on Software Engineering (ICSE 2016), Austin, Texas, May 2016.

49. Co-organizer: P. Avgeriou, P. Kruchten, I. Ozkaya, C. Seaman, *Dagstuhl Seminar 16162 on Managing Technical Debt in Software Engineering*, Dagstuhl, Germany, April 17 – 22 , 2016.
50. Workshop and Tutorial chair of the *16th International Conference on Product-Focused Software Process Improvement (PROFES 2015)*, Bolzano, Italy, December 2-4, 2015.
51. Co-chair: N. Ernst, P. Avgeriou, P. Kruchten, *Seventh International Workshop on Managing Technical Debt (MTD 2015)*, in conjunction with ICSME 2015, October 2nd 2015, Bremen, Germany.
52. Co-chair: I. Ozkaya, R. Nord, H. Koziolk, P. Avgeriou, *Second Workshop on Software Architecture and Metrics (SAM 2015)*, in conjunction with 37th International Conference on Software Engineering (ICSE 2015), Florence, Italy, May 16, 2015.
53. Co-chair: F. Oquendo, P. Avgeriou, C. Cuesta, K. Drira, E. Nakagawa, J. Maldonado, A. Zisman, *Third International Workshop on Software Engineering for Systems-of-Systems (SESoS 2015)*, in conjunction with 37th International Conference on Software Engineering (ICSE 2015), Florence, Italy, May 17, 2015.
54. Program Chair of the *8th European Conference on Software Architecture (ECSA 2014)* Vienna, Austria, August 25-29, 2014.
55. Co-chair: F. Oquendo, P. Avgeriou, C. Cuesta, K. Drira, E. Nakagawa, J. Maldonado, A. Zisman, *2nd International Workshop on Software Engineering for Systems-of-Systems (SESoS 2014)*, hosted at the 8th European Conference on Software Architecture (ECSA 2014) Vienna, Austria, August 25-29, 2014.
56. Co-chair: J. Cleland-Huang, P. Avgeriou, J. Burge, X. Franch, M. Galster, M. Mirakhorli, R. Roshandel, *Fourth International Workshop on the Twin Peaks of Requirements and Architecture (TwinPeaks 2014)*, hosted at the 36th International Conference on Software Engineering (ICSE 2014), May 31-June 7, 2014, Hyberabad, India.
57. Co-chair: M. Galster, P. Avgeriou, D. Weyns, T. Männistö, *Third International Workshop on Variability in Software Architecture (VARSA 2014)*, hosted at the 11th Working IEEE/IFIP Conference on Software Architecture (WICSA 2014), Sydney, Australia on April 7-11, 2014.
58. Co-chair: Robert L. Nord, Ipek Ozkaya, Paris Avgeriou, Heiko Koziolk, *Workshop on Software Architecture Metrics (SAM)*, hosted at the 11th Working IEEE/IFIP Conference on Software Architecture (WICSA 2014), Sydney, Australia on April 7-11, 2014.
59. Chair: Software Engineering Track of the *ICT.OPEN*, 27-28 November 2013, Eindhoven, the Netherlands.
60. Co-chair: F. Oquendo, P. Avgeriou, C. Cuesta, J. Maldonado, E. Nakagawa, K. Drira, A. Zisman, *1st International Workshop on Software Engineering for Systems-of-Systems (SESoS 2013)*, hosted at the 7th European Conference on Software Architecture (ECSA 2013), Montpellier, France, July 1-5, 2013.
61. Co-chair: P. Avgeriou, J. Cleland-Huang, *Second International Workshop on the Twin Peaks of Requirements and Architecture (TwinPeaks 2013)*, hosted at the 35th International Conference on Software Engineering (ICSE 2013), May 18-26, 2013, San Francisco, USA.
62. Program chair of the 4<sup>th</sup> International Workshop on *Software Engineering for Resilient Systems (SERENE)*, September 24-27, 2012, Pisa, Italy.

63. Co-chair: M. Galster, P. Avgeriou, D. Weyns, M. Becker, 2<sup>nd</sup> International Workshop on *Variability in Software Architecture* (VARSA 2012), hosted at the Joint 10th Working IEEE/IFIP Conference on Software Architecture (WICSA) & 6th European Conference on Software Architecture (ECSA), 20-24 August 2012, Helsinki, Finland.
64. Co-chair: P. Avgeriou, N. Harrison, U., Zdun, Thematic Track on *Applying Patterns*, hosted at the European Pattern Languages of Programming (EuroPLoP) 2012, July 11-15, 2012, Irsee Monastery, Bavaria, Germany.
65. Program chair of the 16th *European Pattern Languages of Programming* (EuroPLoP) 2011, July 13-17, 2011, Irsee, Germany.
66. Tool Demonstrations chair of the 9th *Working IEEE/IFIP Conference on Software Architecture* (WICSA), 20-24 June 2011 Boulder, Colorado, USA.
67. Co-chair: M. Galster, P. Avgeriou, D. Weyns, T. Mannisto, Workshop on *Variability in Software Architecture* (VARSA 2011), hosted at the 9th Working IEEE / IFIP Conference on Software Architecture, June 20-24, 2011, Boulder, Colorado, USA.
68. Co-chair: P. Lago, P. Avgeriou, P. Kruchten, Sixth Workshop on *SHaring and Reusing architectural Knowledge* (SHARK 2011) hosted at the 33<sup>rd</sup> Int. Conf. on Software Engineering (ICSE 2011), Waikiki, Honolulu, Hawaii, May 21-28, 2011.
69. Chair: P. Avgeriou, Groningen Workshop on *Software Architecture*, 18<sup>th</sup> April 2011, Groningen, the Netherlands.
70. Co-chair: P. Kruchten and P. Avgeriou, Workshop on *Software Architecture Knowledge Management in Practice*, hosted at the National Architecture Congress (LAC 2010), Utrecht, the Netherlands, November 24-25, 2010.
71. Co-organiser: P. Kruchten and P. Avgeriou, Tutorial on *Software Architecture Knowledge Management in Practice*, hosted at the 4th European Conference on Software Architecture (ECSA 2010), Copenhagen, Denmark, August 23, 2010.
72. Co-chair: A. Helleboogh, P. Avgeriou, N. Boucké, P. Heymans, Workshop on *Variability in Software Product Line Architectures* (VARI-ARCH), hosted at the 4th European Conference on Software Architecture (ECSA 2010), Copenhagen, Denmark, August 23, 2010.
73. Co-chair: P. Avgeriou, N. Harrison, U., Zdun, Thematic Track on *Applying Patterns*, hosted at the European Pattern Languages of Programming (EuroPLoP) 2010, July 7-11, 2010, Irsee Monastery, Bavaria, Germany.
74. Conference chair of the 15th *European Pattern Languages of Programming* (EuroPLoP) 2010, July 7-11, 2010, Irsee, Germany.
75. Co-chair: P. Avgeriou, P. Lago, P. Kruchten, Fifth Workshop on *SHaring and Reusing architectural Knowledge* (SHARK 2010) hosted at the 32nd Int. Conf. on Software Engineering (ICSE 2010), Cape Town, South Africa, May 2-8, 2010.
76. Co-chair: P. Lago, P. Avgeriou, R. Hilliard, BoF session on *Architecture Viewpoints and Frameworks*, hosted at the 8th Working IEEE/IFIP Conference on Software Architecture (WICSA) and the 3rd European Conference on Software Architecture (ECSA), 14 September 2009, Cambridge, UK.

77. Co-chair: M. A. Babar, P. Lago, P. Avgeriou, The 2<sup>nd</sup> Workshop on *Empirical Assessment in Software Architecture* (EASA 09), hosted at the 8th Working IEEE/IFIP Conference on Software Architecture (WICSA) and the 3rd European Conference on Software Architecture (ECSA), 14 September 2009, Cambridge, UK.
78. Co-chair: P. Avgeriou, N. Harrison, U., Zdun, Thematic Track on *Applying Patterns*, hosted at the European Pattern Languages of Programming (EuroPLoP) 2009, July 8-12, 2009, Irsee Monastery, Bavaria, Germany.
79. Co-chair: A. Lazovik, H. Wortmann, P. Avgeriou, Workshop for *eGovernment via Software Services* (WeGovS2), hosted at the 18th IEEE International Workshops on Enabling Technologies: Infrastructures for Collaborative Enterprises (WETICE), June 29-July 1, 2009, Groningen, Netherlands.
80. Co-chair: P. Lago, P. Avgeriou, P. Kruchten, Fourth Workshop on *SHaring and Reusing architectural Knowledge* (SHARK 2009) hosted at the 31st Int. Conf. on Software Engineering (ICSE 2009), Vancouver, Canada, May 16-24, 2009.
81. Co-chair: P. Avgeriou and J. Bosch, Groningen Workshop on *Software Architecture*, 19<sup>th</sup> September 2008, Groningen, the Netherlands.
82. Co-chair: P. Avgeriou, N. Harrison, U., Zdun, Thematic Track on *Pragmatic and systematic approaches in applying patterns*, hosted at the European Pattern Languages of Programming (EuroPLoP) 2008, July 9-13, 2008, Irsee Monastery, Bavaria, Germany.
83. Co-chair: P. Avgeriou, P. Lago, P. Kruchten, Third Workshop on *SHaring and Reusing architectural Knowledge* (SHARK 2008), hosted at the 30th Int. Conf. on Software Engineering (ICSE 2008), Leipzig, Germany, 10 - 18 May 2008.
84. Co-chair: P. Avgeriou and J. Bosch, Groningen Workshop on *Software Variability and Product Lines*, 9<sup>th</sup> May 2008, Groningen, the Netherlands.
85. Co-chair: M. A. Babar, P. Lago, P. Avgeriou, Workshop on *Empirical Assessment in Software Architecture* (EASA 08), hosted at the Working IEEE/IFIP Conference on Software Architecture, 18 February 2008, Vancouver, Canada.
86. Co-chair: P. Avgeriou, Paul S. Grisham, Philippe Kruchten, Patricia Lago, and Dewayne E. Perry, Second Workshop on *SHaring and Reusing architectural Knowledge - Architecture, rationale, and Design Intent* (SHARK/ADI 2007), hosted at the 29th Int. Conf. on Software Engineering (ICSE 2007), May 20-26, 2007, Minneapolis, MN, USA.
87. Co-chair: P. Avgeriou, U., Zdun, N. Harrison, Focus Group *Capturing Architectural Knowledge with Architectural Patterns*, hosted at the European Pattern Languages of Programming (EuroPLOP) 5th–9th July 2006, Irsee, Germany.
88. Co-chair: P. Avgeriou, U., Zdun, Isabelle Borne, 2nd Workshop on *Architecture-Centric Evolution*, hosted at the 20th European Conference on Object Oriented Programming (ECOOP 2006), July 3-7 2006, Nantes, France.
89. Co-chair: P. Lago, P. Avgeriou, Workshop on *SHaring and Reusing architectural Knowledge* (SHARK'2006), hosted at the 9th International Conference on Software Reuse (ICSR 2006), June 11-15, 2006, Torino, Italy.

90. Co-chair: P. Avgeriou, U., Zdun, Workshop on *Architecture-Centric Evolution*, hosted at the 19th European Conference on Object Oriented Programming (ECOOP 2005), Glasgow, Scotland, 25-29 July 2005.
91. Co-chair: P. Avgeriou, U., Zdun, Focus Group *Architectural Patterns in Practice*, hosted at the European Pattern Languages of Programming (EuroPLOP) 6th–10th July 2005, Irsee, Germany.
92. Co-chair: N. Medvidovic, P. Avgeriou, N. Guelfi, Workshop on *Software Architecture Description & UML*, hosted at the Seventh International Conference on UML Modeling Languages and Applications (UML 2004), October 11-15, 2004, Lisbon, Portugal.
93. Co-chair: S. Retalis, P. Avgeriou, Special Track on *Engineering e-Learning Systems* in the 2004 ACM Symposium on Applied Computing (SAC 2004), Nicosia, Cyprus, March 14 - 17, 2004.
94. Moderator: Special Interest Group on *Design Patterns for Learning Resources and Learning Management Systems*, University of Maastricht, the Netherlands, 1/10/2002 – 01/10/2004.
95. Organizing committee: *Usability of web-based learning resources* workshop, University of Athens, March 3rd 2001.
96. Organizing committee: *IEEE Learning Technologies Standardisation Committee* meeting, Athens, 4-8 Dec. 2000.

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### 3.4 Steering committees

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1. Steering Committee of the *International Conference on Software Architecture (ICSA)*, 2018-present.
2. Steering Committee of the *International Conference on Technical Debt (Tech Debt)*, formerly *International Workshop on Managing Technical Debt (MTD)*, 2015-present.
3. Steering Committee of the *International Workshop on the Twin Peaks of Requirements and Architecture (Twin Peaks)*, 2014-2016.
4. Steering Committee of the *European Conference on Software Architecture (ECSA)*, 2013-present (chair since November 2023).
5. Steering Committee of the *Seventh Workshop on SHaring and Reusing architectural Knowledge (SHARK 2012)* hosted at the Joint 10th Working IEEE/IFIP Conference on Software Architecture & 6th European Conference on Software Architecture (WICSA/ECSA'12), Helsinki, Finland, August 20-24, 2012.
6. Steering Committee of the *European Pattern Languages of Programming (EuroPLOP)*, Irsee Monastery, Bavaria, Germany, 2011-2016.
7. Steering Committee of the *IEEE International Workshops on Enabling Technologies: Infrastructures for Collaborative Enterprises (WETICE)*, 2009-2012.

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### 3.5 Program committees

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1. Program Committee of the 30th International Conference on Evaluation and Assessment in Software Engineering (EASE 2026), Glasgow, UK, June 9-12, 2026.
2. Program Committee of the 23rd IEEE International Conference on Software Architecture (ICSA 2026), Amsterdam, The Netherlands, June 22-26, 2026.
3. Program Committee of the 9th International Conference on Technical Debt (TechDebt 2026), Rio de Janeiro, Brazil, 12 - 13 April 2026.
4. Program Committee of the 19th ACM/IEEE International Symposium on Empirical Software Engineering and Measurement (ESEM 2025), Honolulu, Hawaii, USA, October 2-3, 2025
5. Program Committee of the 19th European Conference on Software Architecture (ECSA 2025), Cyprus, 15-19 September, 2025.
6. Program Committee of the 8th International Conference on Technical Debt (TechDebt 2025), April 27- 28, 2025, Ottawa, Ontario, Canada.
7. Program Committee of the 22nd IEEE International Conference on Software Architecture (ICSA 2025), Odense, Denmark March 31 - April 4, 2025.
8. Program Committee of the 18th ACM/IEEE International Symposium on Empirical Software Engineering and Measurement (ESEM 2024), Barcelona, Spain, October 24-25, 2024.
9. Program Committee of the 40th International Conference on Software Maintenance and Evolution (ICSME 2024), Flagstaff, USA, Oct 6-11, 2024.
10. Program Committee of the 18th European Conference on Software Architecture (ECSA), 2-6 September 2024, Luxembourg.
11. Program Committee of the 28th International Conference on Evaluation and Assessment in Software Engineering (EASE 2024), Salerno, Italy, June 17-21, 2024.
12. Program Committee of the 21st IEEE International Conference on Software Architecture (ICSA 2024), Hyderabad, India, 4 - 8 June 2024.
13. Program Committee of the 7th International Conference on Technical Debt 2024 (Tech Debt 2024), Lisbon, Portugal, 14 - 15 April 2024.
14. Program Committee of the 17th ACM/IEEE International Symposium on Empirical Software Engineering and Measurement (ESEM 2023), 23-27 Oct. 2023, New Orleans, USA.
15. Program Committee of the 39th International Conference on Software Maintenance and Evolution (ICSME 2023), Bogotá, Colombia, 1-6 Oct. 2023.
16. Program Committee of the 17th European Conference on Software Architecture (ECSA 2023), September 18 - 22, 2023, Istanbul, Turkey.
17. Program Committee of the International Conference on Evaluation and Assessment in Software Engineering (EASE 2023), 14 - 16 June 2023 Oulu, Finland.
18. Program Committee of the 45th International Conference on Software Engineering (ICSE 2023), Melbourne, Australia, 14-20 May 2023.
19. Program Committee of the ACM/IEEE International Conference on Technical Debt (Tech Debt 2023), co-located with ICSE 2023, May 14-15 2023, Melbourne, Australia.
20. Program Committee of the 20th IEEE International Conference on Software Architecture (ICSA 2023), 13-17 March 2023, L'Aquila, Italy.
21. Program Committee of the 16th European Conference on Software Architecture (ECSA 2022), 19-23 Sep. 2022, Prague, Czech republic.
22. Program Committee of the 15th International Symposium on Empirical Software Engineering and Measurement (ESEM 2022), Helsinki, Finland, 19-23 Sep. 2022.
23. Program Committee of the 5th International Conference on Technical Debt (TechDebt 2022), collocated with the 44rd International Conference on Software Engineering, 22-27 May 2022, Pittsburgh, USA.
24. Program Committee of the ACM Student Research Competition (SRC) at the 44th

- International Conference on Software Engineering (ICSE 2022), 22-27 May 2022, Pittsburgh, USA.
25. Program Committee of the 19th IEEE International Conference on Software Architecture (ICSA 2022), 12-15 March 2022, Hawaii, USA.
  26. Program Committee of the 15th International Symposium on Empirical Software Engineering and Measurement (ESEM 2021), Bari, Italy, October 11th to 15<sup>th</sup>, 2021.
  27. Program Committee of the 15th European Conference on Software Architecture (ECSA 2021), 13-17 September 2021, Växjö, Sweden.
  28. Program Committee of the Software Engineering In Practice (SEIP) Track at the International Conference on Software Engineering (ICSE 2021), Madrid, Spain from May 22-30 2021.
  29. Program Committee of the fourth International Conference on Technical Debt (Tech Debt 2021), May 23-24, 2021, collocated with the International Conference on Software Engineering (ICSE 2021).
  30. Program Committee of the International Conference on Software Architecture (ICSA) 2021, March 22 – 26, Stuttgart, Germany.
  31. Program Committee of the Software Engineering Education and Training (SEET) track, International Conference on Software Engineering (ICSE 2020), May 23-29, 2020, Seoul, South Korea.
  32. Program Committee of the Third International Conference on Technical Debt 2020 (TechDebt 2020), May 25-26, 2020, Seoul, South Korea.
  33. Program Committee of the IEEE International Conference on Software Architecture (ICSA 2020), 16-20, March, Salvador, Brazil
  34. Program Committee of the 13th European Conference on Software Architecture (ECSA 2019), September 9-13, 2019, Paris, France.
  35. Program Committee of the Special Session on Software Engineering and Technical Debt (SEaTeD) at the 45th EUROMICRO SEAA, August 28-30, 2019, Thessaloniki, Greece.
  36. Program Committee of the 18<sup>th</sup> International Conference on Software and Systems Reuse (ICSR 2019), June 26-28, 2019, Cincinnati, USA.
  37. Program Committee of the Software Engineering Education and Training (SEET) Track at the International Conference on Software Engineering (ICSE 2019), May 25 - June 1, 2019, Montreal, Canada.
  38. Program Committee of the 7th International Workshop on Software Engineering for Systems-of-Systems (SESoS 2019), at the International Conference on Software Engineering (ICSE 2019), May 25 - June 1, 2019, Montreal, Canada.
  39. Program Committee of the Evaluation and Assessment in Software Engineering (EASE 2019), April 14-17, Copenhagen, Denmark.
  40. Program Committee of the 3<sup>rd</sup> Conference Track on Software-intensive Systems-of-Systems (SiSoS 2019) at the 34th ACM Symposium On Applied Computing (SAC), April 8-12, 2019, Limassol, Cyprus.
  41. Program Committee of the 12th European Conference on Software Architecture (ECSA 2018), September 24-28, 2018, Madrid, Spain.
  42. Program Committee of the Evaluation and Assessment in Software Engineering (EASE 2018), 27-29 June 2018, Christchurch, New Zealand.
  43. Program Committee of the International Conference on Technical Debt (TechDebt 2018), collocated with ICSE 2018, 27-28 May 2018, Gothenburg, Sweden.
  44. Program Committee of the International Conference on Software Architecture (ICSA), April 30 – May 4, 2018, Seattle, USA.
  45. Program Committee of the New and Emerging Ideas track of the International Conference on Software Architecture (ICSA NEMI), April 30 – May 4 2018, Seattle, USA
  46. Program Committee of the 2<sup>nd</sup> Conference Track on Software-intensive Systems-of-Systems

- (SiSoS 2018), at the 33rd ACM Symposium On Applied Computing (SAC), April 9-13 2018, Pau, France.
47. Program Committee of the 17th International Conference on Software Reuse, (ICSR 2018), Madrid, Spain, May 21-23rd, 2018.
  48. Program Committee of the 1st International Workshop on Emerging Trends in Software Design and Architecture (WETSoDA 2017), co-located with APSEC 2017, Dec 4-8, 2017, Nanjing, China.
  49. Program Committee of the ACM/IEEE International Symposium on Empirical Software Engineering and Measurement (ESEM 2017), Toronto, Canada, November 9-10, 2017.
  50. Program Committee of the Doctoral Symposium of the 1th European Conference on Software Architecture (ECSA 2017), September 11—15, 201, Canterbury, UK.
  51. Program Committee of the 1th European Conference on Software Architecture (ECSA 2017), September 11—15, 201, Canterbury, UK.
  52. Program Committee of the *23<sup>rd</sup> European Pattern Languages of Programming* (EuroPLoP 2017), Irsee Monastery, Bavaria, Germany, 4-8 July 2017.
  53. Program Committee of the Evaluation and Assessment in Software Engineering Conference (EASE 2017), 15-16 June, Karlskrona, Sweden.
  54. Program Committee of the 16th International Conference on Software Reuse (ICSR), May 29-31 2017, Salvador, Brazil.
  55. Program Committee of second International Workshop on Variability and Complexity in Software Design (VACE), co-located with the 39th International Conference on Software Engineering, May 20 - 28, 2017, Buenos Aires, Argentina.
  56. Program Committee of the First International Workshop on Establishing a Community-Wide Infrastructure for Architecture-Based Software Engineering (ECASE'17), co-located with the 39th International Conference on Software Engineering, May 20 - 28, 2017, Buenos Aires, Argentina.
  57. Program Committee of the Software Engineering Education and Training Track of ICSE2017, the 39th International Conference on Software Engineering, May 20-28, 2017, Buenos Aires, Argentina.
  58. Program Committee of the Ninth International Workshop on Managing Technical Debt (MTD 2017), in conjunction with the 18th International XP Conference, Cologne, 22<sup>nd</sup> May 2017.
  59. Program Committee of the New and Emerging Ideas track (NEMI) of the International Conference on Software Architecture (ICSA 2017), April 3-7 2017, Gothenburg, Sweden.
  60. Program Committee of the International Conference on Software Architecture (ICSA 2017), April 3-7 2017, Gothenburg, Sweden.
  61. Program Committee of the 2nd International Workshop on decision Making in Software ARCHitecture (MARCH), collocated with the International Conference on Software Architecture (ICSA 2017), April 3-7 2017, Gothenburg, Sweden.
  62. Program Committee of the Track on Software-intensive Systems-of-Systems (SiSoS 2017) at the 32th ACM Symposium On Applied Computing (SAC), April 3-7 2017, Marrakech, Morocco.
  63. Program Committee of the International Workshop on Technical Debt Analytics (TDA 2016) in conjunction with The Asia-Pacific Software Engineering Conference (APSEC 2016), Dec. 6<sup>th</sup> 2016, Hamilton, New Zealand.
  64. Program Committee of the *10th European Conference on Software Architecture* (ECSA 2016), 28 Nov. – 2 Dec. 2016, Copenhagen, Denmark.
  65. Program Committee of the Tool Demos of the *10th European Conference on Software Architecture* (ECSA 2016), 28 Nov. – 2 Dec. 2016, Copenhagen, Denmark.
  66. Program Committee of the *4th International Workshop on Ecosystem Architectures* (WEA

- 2016), co-located with the European Conference on Software Architecture (ECSA 2016), 28 Nov. – 2 Dec. 2016, Copenhagen, Denmark.
67. Program Committee of the 20th Pan-Hellenic Conference on Informatics (PCI), Patras, Greece.
  68. Program Committee of the *Eighth workshop on Managing Technical Debt (MTD 2016)*, in conjunction with the International Conference on Software Maintenance and Evolution (ICSME 2016), Raleigh, North Carolina, October 4, 2016.
  69. Program Committee of the *30<sup>th</sup> Brazilian Symposium on Software Engineering (SBES 2016)*, 19-23 Sep. 2016, Maringa, Brazil.
  70. Program Committee of the *10th Workshop on Distributed Software Development, Software Ecosystems and Systems-of-Systems (WDES'16)*, 21<sup>st</sup> Sep. 2016, Maringa, Brazil.
  71. Program Committee of the *International Workshop on Requirements Patterns (RePa)*, in conjunction with the International Requirements Engineering Conference (RE'16), September 13, 2016, Beijing, China.
  72. Program Committee of the Short Papers and Posters track at the *International Symposium on Empirical Software Engineering and Measurement (ESEM 2016)*, Sep. 8-9, 2016, Ciudad Real, Spain.
  73. Program Committee of the *3<sup>rd</sup> International Workshop on Measurement and Metrics for Green and Sustainable Software (MEGSu'16)*, co-located with the *International Symposium on Empirical Software Engineering and Measurement (ESEM 2016)*, Sep. 8-9, 2016, Ciudad Real, Spain.
  74. Program Committee of *8th International Workshop on Software Engineering for Resilient Systems (SERENE 2016)*, Gothenburg, Sweden, September 5-6, 2016.
  75. Program Committee of the *21<sup>st</sup> European Pattern Languages of Programming (EuroPLoP 2016)*, Irsee Monastery, Bavaria, Germany, 6-10 July 2016.
  76. Program Committee of the *28th International Conference on Advanced Information Systems Engineering (CAiSE'16)*, Ljubljana, Slovenia, June 13-17, 2016.
  77. Program Committee of the *15th International Conference on Software Reuse (ICSR 2016)*, June 5-7 2016, Limassol, Cyprus.
  78. Program Committee of the *20<sup>th</sup> International Conference on Evaluation and Assessment in Software Engineering (EASE)*, 1-3- June 2016, Limerick, Ireland.
  79. Program Committee of the *2nd International Workshop on Software Engineering for Smart Cyber-Physical Systems (SEsCPS)*, co-located with the International Conference on Software Engineering (ICSE 2016), May 14-22 2016, Austin, Texas
  80. Program Committee of the *Software Engineering Education Track at the International Conference on Software Engineering (ICSE 2016)*, May 14-22 2016, Austin, Texas.
  81. Program Committee of the *1st International Workshop on decision Making in Software ARCHitecture (MARCH)*, collocated with the 13th Working IEEE/IFIP Conference on Software Architecture (WICSA), 5–8 April 2016, Venice, Italy.
  82. Program Committee of the *joint WICSA/CompArch: 13th Working IEEE/IFIP Conference on Software Architecture (WICSA)*, the 19th International ACM SIGSOFT Symposium on Component-Based Software Engineering (CBSE), and the 12th International ACM Sigsoft Conference on the Quality of Software Architectures (QoSA), 5–8 April 2016, Venice, Italy

83. Program Committee of the *SIKS Track*, ICT.OPEN, March 22-23, 2016, Amersfoort, the Netherlands.
84. Program Committee of the Short Papers and Posters Track of the *9th International Symposium on Empirical Software Engineering and Measurement (ESEM)*, Beijing, China, October, 22-23, 2015.
85. Program Committee of the *2nd International Workshop on Measurement and Metrics for Green and Sustainable Software (MEGSuS'15)*, co-located with IWSM-MENSURA, Cracow, Poland, October 5-7, 2015
86. Program Committee of the *19th Panhellenic Conference on Informatics (PCI 2015)*, 1-3 October 2015, Athens, Greece.
87. Program Committee of the *9th Workshop on Distributed Software Development, Software Ecosystems and Systems-of-Systems (WDES 2015)*, co-located with CBSOft 2015, Belo Horizonte, Minas Gerais, Brazil, September 23<sup>rd</sup> 2015.
88. Program Committee of the *9th Brazilian Symposium on Software Components, Architectures, and Reuse (SBCARS 2015)*, September 21-26 2015, Belo Horizonte, Minas Gerais, Brazil.
89. Program Committee of the *7th International Workshop on Software Engineering for Resilient Systems (SERENE 2015)*, Paris, France, 7-8 September 2015.
90. Program Committee of the *joint 7th Workshop on Software Ecosystems (IWSECO 2015) - 3rd International Workshop on Ecosystem Architectures (WEA 2015)*, co-located with the European Conference on Software Architecture (ECSA 2015), September 07 – 11, 2015, Cavtat/Dubrovnik, Croatia.
91. Program Committee of the *1st International Workshop on Software Architecture Asset Decision-Making (SAADM)*, in conjunction with the 9th European Conference on Software Architecture (ECSA 2015), September 7 - 11, 2015, Dubrovnik/Cavtat, Croatia.
92. Program Committee of the Tool Demos Track of the *9th European Conference on Software Architecture (ECSA 2015)*, September 7 - 11, 2015, Dubrovnik/Cavtat, Croatia.
93. Program Committee of the *9th European Conference on Software Architecture (ECSA 2015)*, September 7 - 11, 2015, Dubrovnik/Cavtat, Croatia.
94. Program Committee for the *Fifth International Workshop on Requirements Patterns (RePa'15)*, in conjunction with the 23rd International Conference on Requirements Engineering (RE), August 25, 2015, Ottawa, Canada.
95. Program Committee of the *20th European Pattern Languages of Programming (EuroPLoP 2015)*, Irsee Monastery, Bavaria, Germany, 8-12 July 2015.
96. Program Committee of the *Fifth International Symposium on Business Modeling and Software Design (BMSD 2015)*, 6-8 July 2016, Milano, Italy.
97. Program Committee of the *27th International Conference on Advanced Information Systems Engineering (CAiSE 2015)*, Stockholm, Sweden, June 08-12 2015.

98. Program Committee of the *1st International Workshop on Software Engineering for Smart Cyber-Physical Systems (SEsCPS)*, in conjunction with the International Conference on Software Engineering (ICSE 2015), May 16-24, Firenze, Italy.
99. Program Committee of the *1st International Workshop on Exploring Component-based Techniques for Constructing Reference Architectures (CobRA 2015)*, in conjunction with WICSA 2015, May 6<sup>th</sup> 2015, Montreal, Canada.
100. Program Committee of the *12th Working IEEE/IFIP Conference on Software Architecture (WICSA 2015)*, Montreal, Canada, 4-8 May 2015,
101. Program Committee of the *Eleventh International ACM Sigsoft Conference on the Quality of Software Architectures (QoSA 2015)*, May 4-8, 2015, Montreal, Canada.
102. Program Committee of the *3<sup>rd</sup> International Conference on Model-Driven Engineering and Software Development (MODELSWARD 2015)*, Loire Valley, France, 9-10 February 2015.
103. Program Committee of the *14<sup>th</sup> International Conference on Software Reuse (ICSR)*, Miami, Florida, January 4-6, 2015.
104. Program Committee of the *6th International Workshop on Software Engineering for Resilient Systems (SERENE 2014)*, Budapest, Hungary, October 15-16, 2014.
105. Program Committee of the *1st International Workshop on Measurement and Metrics for Green and Sustainable Software (MEGSu'14)*, collocated with IWSM-MENSURA, Rotterdam, The Netherlands, October 2014.
106. Program Committee of the *18th Panhellenic Conference on Informatics (PCI 2014)*, Athens, Greece, on 2<sup>nd</sup> - 4<sup>th</sup>, October 2014.
107. Program Committee of the *8<sup>th</sup> Brazilian Symposium on Software Components, Architectures and Reuse (SBCARS 2014)*, Maceio, September 28- October 3, 2014.
108. Program Committee of the *Sixth workshop on Managing Technical Debt (MTD 2014)*, collocated with the International Conference on Software Maintenance and Evolution (ICSME 2014), September 30, Victoria, BC, Canada.
109. Program Committee of the *8th ACM / IEEE International Symposium on Empirical Software Engineering and Measurement (ESEM)*, Short Papers Track, Turin, Italy on 18-19 September 2014.
110. Program Committee of the 28th international conference *EnviroInfo 2014*, September, 10-12, Oldenburg, Germany.
111. Program Committee of the *Fourth International Workshop on Requirements Patterns (RePa 14)*, in conjunction with the 22<sup>nd</sup> IEEE Requirements Engineering Conference, 26 August 2014, Kalskrona, Sweden.
112. Program Committee of the *6th Workshop on Software Ecosystems (IWSECO 2014) and the 2nd International Workshop on Ecosystem Architectures (WEA 2014)*, in conjunction with the European Conference on Software Architecture (ECSA 2014), August 25 – 29, 2014, Vienna, Austria.

113. Program Committee of the *19<sup>th</sup> European Pattern Languages of Programming (EuroPLOP 2014)*, Irsee Monastery, Bavaria, Germany, 10-14 July 2014.
114. Program Committee of the *Fourth International Symposium on Business Modeling and Software Design (BMSD)*, 24-26 June, 2014, Luxembourg, Grand Duchy of Luxembourg.
115. Program Committee of the *International track on Adaptive and Reconfigurable Service-oriented and component-based Applications and Architectures (AROSA)*, in conjunction with the 23<sup>rd</sup> IEEE International Conference on Enabling Technologies: Infrastructure for Collaborative Enterprises, June, 23<sup>rd</sup>-25<sup>th</sup>, 2014, Parma – Italy.
116. Program Committee of the *26th International Conference on Advanced Information Systems Engineering (CAiSE 2014)*, 16-20 June 2014, Thessaloniki, Greece.
117. Program Committee of the *1st APSIS Workshop (Advanced Probability and Statistics for Information Systems)*, in conjunction with the *26th International Conference on Advanced Information Systems Engineering (CAiSE 2014)*, 16-20 June 2014, Thessaloniki, Greece.
118. Program committee of the *Track on Service Oriented, Computing for Systems & Applications*, in conjunction with the 5th International Conference on Ambient Systems, Networks and Technologies (ANT-2014), Hasselt, Belgium, June 2 - 5, 2014.
119. Program Committee of the *Eighth IEEE International Conference on Research Challenges in Information Science (RCIS 2014)*, Marrakesh, Morocco, 28-30 May 2014.
120. Program Committee of the *11th Working IEEE/IFIP Conference on Software Architecture (WICSA 2014)*, Sydney, Australia on April 7-11, 2014.
121. Program Committee of the *Doctoral Symposium of the 11th Working IEEE/IFIP Conference on Software Architecture (WICSA 2014)*, Sydney, Australia on April 7-11, 2014.
122. Program Committee of the *2<sup>nd</sup> International Conference on Model-Driven Engineering and Software Development (MODELSWARD 2014)*, Lisbon, Portugal, 7-9 January 2014.
123. Program Committee of the *4<sup>th</sup> International Conference on Pervasive and Embedded Computing and Communication Systems (PECCS 2014)*, Lisbon, Portugal, 7-9 January 2014.
124. Program Committee of the *5<sup>th</sup> International Workshop on Software Engineering for Resilient Systems (SERENE)*, October 3-4, 2013, Kiev, Ukraine.
125. Program Committee of the *7<sup>th</sup> Brazilian Symposium on Software Components, Architectures and Reuse (SBCARS 2013)*, Brasilia, September 29- October 4, 2013.
126. Program Committee of the *17th Panhellenic Conference on Informatics (PCI 2013)*, Thessaloniki, Greece, 19-21 September 2013.
127. Program Committee of the *International Workshop on Ecosystem Architectures (WEA2013)*, in conjunction with the 9th joint meeting of the European Software Engineering Conference (ESEC) and the ACM SIGSOFT Symposium on the Foundations of Software Engineering (FSE), St. Petersburg, Russia, August 19, 2013.
128. Program Committee of the *Third International Workshop on Requirements Patterns (RePa 13)*, in conjunction with the 21<sup>st</sup> IEEE Requirements Engineering Conference, 15-16 July, 2013, Rio, Brazil.

129. Program Committee of the *18<sup>th</sup> European Pattern Languages of Programming* (EuroPLoP), Irsee Monastery, Bavaria, Germany, 10-14 July 2013.
130. Program Committee of the *27<sup>th</sup> European Conference on Object-Oriented Programming* (ECOOP), Montpellier, France, July 1-5, 2013.
131. Program Committee of the *7th European Conference on Software Architecture* (ECSA 2013) Montpellier, France, July 1-5, 2013.
132. Program Committee of the *second workshop on ACadeMics Tooling with Eclipse* (ACME), co-located with the 27<sup>th</sup> European Conference on Object-Oriented Programming (ECOOP), Montpellier, France, July 1-5, 2013.
133. Program Committee of the *International Workshop on Security and Dependability for Resource Constrained Embedded Systems* (S&D4RCES) in conjunction with the 13th International Conference on Software Reuse 18-21 June 2013 Pisa, Italy.
134. Program Committee of the *4th International ACM SIGSOFT Symposium on Architecting Critical Systems* (ISARCS), Federated with CompArch 2013, 17–21 June 2013 in Vancouver, British Columbia, Canada.
135. Program Committee of the *13th International Conference on Software Reuse* (ICSR), 18-21 June 2013, Pisa, Italy.
136. Program Committee of the *Seventh IEEE International Conference on Research Challenges in Information Science* (RCIS), May 29-31 2013, Paris, France.
137. Program Committee of the *Energy Aware Software-Engineering and Development* workshop, co-located with the BUIS-Days: IT-based resource and energy management, 25 April 2013, Oldenburg, Germany.
138. Program Committee of the *Workshop on Dependability in Adaptive and Self-Managing Systems* (WDASS 2013), co-located with the Sixth Latin-American Symposium on Dependable Computing (LADC 2013), Rio de Janeiro, RJ, Brazil, April 1-5, 2013.
139. Program Committee of the *First South African Workshop on Software Architecture* (at SAICSIT'2012), Irene Country Lodge, South Africa, October 1<sup>st</sup> 2012.
140. Program Committee of the *Second International Workshop on Requirements Patterns* (RePa 12), in conjunction with the 20<sup>th</sup> IEEE Requirements Engineering Conference, 24<sup>th</sup> Sep. 2012, Chicago, USA.
141. Program Committee of the *6<sup>th</sup> Brazilian Symposium on Software Components, Architectures and Reuse* (SBCARS 2012), Natal, Brazil, September 23-28, 2012.
142. Program Committee of the *10th Working IEEE/IFIP Conference on Software Architecture* (WICSA) & 6th European Conference on Software Architecture (ECSA) - WICSA/ECSA 2012, 20-24 August 2012, Helsinki, Finland.
143. Program Committee of the *Second Workshop on Architecture in Global Software Engineering* (AGSE), hosted at the Joint 10th Working IEEE/IFIP Conference on Software Architecture & 6th European Conference on Software Architecture (WICSA/ECSA'12), Helsinki, Finland, August 20-24, 2012.

144. Program Committee of the *International Conference on Software Architecture and Patterns*, in conjunction with the 10th Latin American and Caribbean Conference for Engineering and Technology, July 23-27, 2012, Panama City, Panama.
145. Program Committee of the *17th IEEE International Conference on Engineering of Complex Computer Systems (ICECCS)*, Paris, France, July 18 - 20, 2012.
146. Program Committee of the *17<sup>th</sup> European Pattern Languages of Programming (EuroPLOP)*, Irsee Monastery, Bavaria, Germany, 11-15 July 2012.
147. Program Committee of the *24th International Conference on Advanced Information Systems Engineering (CAiSE'12)*, Gdansk, Poland, June 25-29th, 2012.
148. Program Committee of the *6th International Conference on Research Challenges in Information Science (RCIS)*, Valencia, Spain, May 16<sup>th</sup>-18th, 2012.
149. Program Committee of the *9th IEEE Workshop on Model-Based Development for Computer-Based Systems (ECBS-MBD2012)*, Novi Sad, Serbia, April 11-13, 2012.
150. Program Committee of the *5th Brazilian Symposium on Software Components, Architectures and Reuse (SBCARS)*, Sao Paulo, Brazil, Sep. 26-30 2011.
151. Program Committee of the *3rd International Workshop on Software Engineering for Resilient Systems (SERENE)*, September 29-30, 2011, Geneva, Switzerland.
152. Program Committee of the *5th European Conference on Software Architecture (ECSA 2011)* 13-16 September 2011, Essen, Germany.
153. Program Committee of *The First International Workshop on Requirements Patterns (RP'11)*, in conjunction with the 19th IEEE International Requirements Engineering Conference (RE'11) in Trento, Italy, Aug. 29-Sep. 2 2011.
154. Program Committee of the *First Workshop on Architecture in Global Software Engineering* at the 6th International Conference on Global Software Engineering (ICGSE 2011), Helsinki, Finland, August 15, 2011.
155. Program Committee of the *16th European Pattern Languages of Programming (EuroPLOP) 2011*, July 13-17, 2011, Irsee, Germany.
156. Program Committee of the *IEEE International Workshop on the Future of Software Engineering FOR and IN the Cloud*, in conjunction with the IEEE ICWS 2011, SCC2011, CLOUD 2011, and SERVICES 2011, Washington DC, USA, July 4-9 2011.
157. Program Committee of the *23rd International Conference on Advanced Information Systems Engineering (CAiSE)*, London, UK, June 20-24th, 2011.
158. Program Committee of the *9th Working IEEE/IFIP Conference on Software Architecture (WICSA)*, 20-24 June 2011 Boulder, Colorado, USA.
159. Program Committee of the *International Conference on Software Reuse 2011 (ICSR'11)*, June 13-17, 2011, Pohang, South Korea.
160. Program Committee of the *Fifth IEEE International Conference on Research Challenges in Information Science (RCIS 2011)*, May 19-21, 2011, Gosier, Guadeloupe, France.

161. Program Committee of the *8th IEEE Workshop on Model-Based Development for Computer-Based Systems -Covering Domain and Design Knowledge in Models*, within the 18th IEEE International Conference on Engineering of Computer-Based Systems (ECBS2011), Las Vegas, USA, 27-29 April, 2011.
162. Program Committee of the *Doctoral Symposium in the 4th European Conference on Software Architecture (ECSA)*, August 23 – 26, 2010, Copenhagen, Denmark.
163. Program Committee of the *4th European Conference on Software Architecture (ECSA)*, August 23 – 26, 2010, Copenhagen, Denmark.
164. Program Committee of the workshop on *KNOWledge engINeering in Global software development (KNOWING)*, co-located with the IEEE International Conference on Global Software Engineering, (ICGSE 2010) in Princeton, NJ, USA, August 23-26, 2010.
165. Program Committee of the *15th European Pattern Languages of Programming (EuroPLoP) 2010*, July 7-11, 2010, Irsee, Germany.
166. Program and Organizing Committee of the *2nd ACM International Workshop on Software Engineering for Resilient Systems (SERENE 2010)*, 15-16 April 2010, Birkbeck College, London, UK.
167. Program Committee of the *7th joint meeting of the European Software Engineering Conference and the ACM SIGSOFT Symposium on the Foundations of Software Engineering (ESEC-FSE 2009)*, August 24-28, 2009, in Amsterdam, The Netherlands.
168. Program Committee of the *33rd Annual IEEE International Computer Software and Applications Conference (COMPSAC 2009)*, Seattle, Washington, July 20 - July 24, 2009.
169. Program Committee of the workshop on *KNOWledge engINeering in Global software development (KNOWING)*, co-located with the 4<sup>th</sup> IEEE International Conference on Global Software Engineering, 13 July 2009, Limerick, Ireland.
170. Program Committee of the *Joint Workshop of QACOS and OSSPL: Quality and Architectural Concerns in Open Source Software - Open Source Software and Product Lines*, Collocated with the 5th International Conference on Open Source Systems (OSS2009), Skövde, Sweden, 3-6 June 2009.
171. Program Committee of *Architectures for Distributed Systems*, Software Technology Track Mini-track, hosted at the Forty-second Annual Hawaii International Conference of Systems Sciences, January 5-8, 2009.
172. Program Committee of the *First International Workshop on Multimedia, Information Privacy and Intelligent Computing Systems*, (MPIS 2008), in conjunction with the 2008 IEEE Asia-Pacific Services Computing Conference, 9-10 December, 2008, Jiaosi, Yilan, Taiwan.
173. Program Committee of the *International Workshop on Modeling Mobile Applications and Services (M2AS'08)*, in conjunction with the 27th International Conference on Conceptual Modeling (ER 2008), Barcelona, 20-23 October 2008.
174. Program Committee for the Short Papers and Posters of the *9th International Conference on Product Focused Software, Process Improvement (PROFES 2008)*, June 23 - 25, 2008, Frascati, Rome, Italy.

175. Program and Organizing Committee of the *RISE/EFTS Joint International Workshop on Software Engineering for REsilieNt systems* (SERENE 2008), November 17-19, 2008, Newcastle upon Tyne (UK).
176. Program Committee of the *Third Asia-Pacific Workshop on Software Architectures and Component Technologies* (SACT 2008), Beijing, May 2008.
177. Program committee of the *3rd International Workshop on Rapid Integration of Software Engineering techniques* (RISE), November 26-27, 2007, Luxembourg.
178. Program Committee of the *Second IEEE Asia-Pacific Workshop on Software Architectures and Component Technologies* (SACT 2007), Beijing, July 24-27, 2007.
179. Program committee of the *12<sup>th</sup> European Pattern Languages of Programming* (EuroPLOP) 4th–8th July 2007, Irsee, Germany.
180. Program committee of the *3rd International Workshop on Rapid Integration of Software Engineering techniques* (RISE), 13-15 September, 2006, University of Geneva, Switzerland.
181. Program committee of *e-Society 2006*, Dublin, Ireland, 13–16 July 2006.
182. Program committee of the *RISE 2005 International Workshop on Rapid Integration of Software Engineering techniques*, September 8-9, 2005, Heraklion, Crete, Greece.
183. Program committee of the Workshop on *QUantitative-based Evaluation, Visualization and Refactoring* (QUEVER 2004 ) at the Seventh International Conference on UML Modeling Languages and Applications (UML 2004), October 11-15, 2004, Lisbon, Portugal.
184. Program committee of the *Sixth International Conference on Computer Based Learning in Science* (CBLIS '03), Nicosia, Cyprus, 5-10 July, 2003.
185. Program committee of the *International Conference on Network Universities and E-learning* Valencia, Spain, 8-9 May, 2003.

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### **3.6 Faculty member evaluation committees**

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1. External referee for the promotion of a faculty member at the VU Amsterdam, the Netherlands, 2022.
2. External referee for a tenure track position, Tampere University, Finland, 2022.
3. External referee for the promotion of a faculty member at the City University of Hong Kong, 2020.
4. Tenure Track committee for an assistant professor, Computer Science Department, VU University Amsterdam, the Netherlands, 2019.
5. Evaluation committee for the selection of a faculty member of the University of Macedonia, Greece, 2019.
6. External referee for a tenure track position, Aalto University, Finland, 2018.
7. External referee for five tenure track positions, Oulu University, Finland, 2018.
8. Evaluation committee for the promotion of a faculty member of the Technological Educational Institute of Thessaly, Greece, 2016.

9. Evaluation committee for the promotion of a faculty member of the Aristotle University of Thessaloniki, Greece, 2016.
10. Evaluation committee for the promotion of a faculty member of the University of Macedonia, Greece, 2016.
11. Evaluation committee for the promotion of a faculty member of the University of Athens, Greece, 2016.
12. Evaluation committee for the promotion of a faculty member of the National Technical University of Athens, Electrical and Computer Engineering, Greece, 2016.
13. Evaluation committee for the promotion of a faculty member of the National Technical University of Athens, Rural and Surveying Engineering, Greece, 2016.
14. Evaluation committee for the promotion of a faculty member of the University of Ioannina, Greece, 2016.
15. External referee for the evaluation of a faculty member of the University of Helsinki, Finland, 2016.
16. Evaluation committee for the promotion of a faculty member of the Technological Educational Institute of Thessaly, Greece, 2014.
17. Evaluation committee for the promotion of a faculty member of the Aristotle University of Thessaloniki, Greece, 2014.
18. Evaluation committee for the promotion of a faculty member of the Technological Educational Institute of Piraeus, Greece, 2013-2014.
19. Evaluation committee for the promotion of a faculty member of the Alexander Technological Educational Institute of Thessaloniki, Greece, 2013.
20. Evaluation committee for the promotion of a faculty member of the University of Crete, Greece, 2013.
21. Evaluation committee for the promotion of a faculty member of the University of Ioannina, Greece, 2012-2013.
22. Evaluation committee for the promotion of a faculty member of the Technological Educational Institute of Patras, Greece, 2011-2012.

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### **3.7 Examiner in Habilitation Committees**

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1. Dr. Brahim Hamid, *Engineering secure systems: patterns, properties, models, analysis and experimental evaluations*, Habilitation à diriger des recherches, l'Université Toulouse - Jean Jaurès, December 2016.
2. Dr. Stefan Sobernig, *Variability design and implementation for domain-specific software languages*, post-doctoral qualification leading to the award of a "venia docendi", Vienna University of Economics and Business, Austria, September 2018.

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### **3.8 Examiner in PhD Committees**

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1. Robert Deckers, *MuDForM: Multi-Domain Formalization Method*, VU Amsterdam, 2024 (reading and defence committee).

2. Jan Schroeder, *Understanding, Measuring, and Evaluating Maintainability of Automotive Software*, University of Gothenburg, Sweden, 4<sup>th</sup> September 2020 (opponent).
3. Fahimeh Alizadeh Moghaddam, *Self-Adaptation for Energy Efficiency in Software Systems*, University of Amsterdam, 17<sup>th</sup> April 2019 (reading and defence committee).
4. Torvald Martinsson, *Continuous Integration and Delivery Applied to Large-Scale Software-Intensive Embedded Systems*, University of Groningen, 8<sup>th</sup> April 2019 (reading and defence committee).
5. Milena Guessi Margarido, *Synthesis of software architectures for systems-of-systems: an automated method by constraint solving*, University of Sao Paulo, Brazil, 27<sup>th</sup> September 2017 (defence committee).
6. John R. Klein, *Architecture Practices for Complex Contexts*, VU Amsterdam, 26<sup>th</sup> September 2017 (reading and defence committee).
7. Ayalew Kassahun, *Aligning Business Processes and IT of Multiple Collaborating Organizations*, Wageningen University, 20<sup>th</sup> June 2017 (reading and defence committee).
8. Daniel Ståhl, *Large Scale Continuous Integration and Delivery*, University of Groningen, 10<sup>th</sup> March 2017 (reading and defence committee).
9. George A. Sielis, *Context-aware Recommendation-based Educational Tool for enhancing the High Level Software Modelling Process with Design Patterns*, University of Cyprus, 17<sup>th</sup> November 2016, (reading and defence committee).
10. Srdjan Stevanetic, *Supporting the Understandability of Architectural Component Models using Software Metrics*, University of Vienna, Austria, 27<sup>th</sup> October 2016 (external reviewer, examiner).
11. Grace A. Lewis, *Software Architecture Strategies for Cyber-Foraging Systems*, VU Amsterdam, 7<sup>th</sup> June 2016 (reading and defence committee).
12. Silverio Martínez, *Gathering Empirical Evidence and Building a Business Case of Software Reference Architectures in Industry*, Universitat Politècnica de Catalunya, June 2016 (external reviewer).
13. Antonio Martini, *Ambidexterity in Large-Scale Software Engineering*, Chalmers University of Technology, 27<sup>th</sup> November 2015 (faculty opponent).
14. Leo Pruijt, *Instruments to Evaluate and Improve IT Architecture Work*, University of Utrecht, 25<sup>th</sup> November 2015 (reading and defence committee).
15. Herman Hartmann, *Software Product Line Engineering for Consumer Electronics*, University of Groningen, 9<sup>th</sup> October 2015 (reading and defence committee).
16. Klaas Andries de Graaf, *Ontology-based Software Architecture Documentation*, VU Amsterdam, 11<sup>th</sup> May 2015 (reading and defence committee).
17. Jaap Kabbedijk, *Variability Patterns for Multi-Tenant Enterprise Software*, University of Utrecht, 23<sup>rd</sup> December 2014, (reading and defence committee).
18. Ramin Etemaadi, *Quality-driven Multi-objective Optimization of Software Architecture Design: Method, Tool, and Application*, Leiden University, 11<sup>th</sup> December 2014 (reading and defence committee).
19. Bertjan Broeksema, *The Decision Exploration Lab - Supporting the business analyst in understanding automated decisions*, University of Groningen, 3<sup>rd</sup> March 2014 (defence committee).

20. Ehsan Ullah Warriach, *Design and Implementation of a Middleware Platform for a Smart Home*, November 25<sup>th</sup> 2013 (defence committee).
21. Yannis Lilis, *Integrated Metaprogramming Systems: Language, Tools and Practices*, University of Crete, Greece, 2013 (defence committee).
22. Werner Heijstek, *Architecture Design in Global and Model-Centric Software Development*, Leiden University, 5<sup>th</sup> December 2012 (reading and defence committee).
23. Viktor Clerc, *Architectural Knowledge Management in Global Software Development*, VU Amsterdam, 13<sup>th</sup> December 2011 (reading and defence committee).
24. Arda Göknül, *Traceability of Requirements and Software Architecture for Change Management*, University of Twente, 7<sup>th</sup> October 2011 (reading and defence committee).
25. George Byelas, *Visualization of Metrics and Areas of Interest on Software Architecture Diagrams*, University of Groningen, 29<sup>th</sup> January 2010 (defence committee).
26. Sari Vesiluoma, *Understanding and Supporting Knowledge Sharing in Software Engineering*, Tampere University of Technology, Tampere, Finland, 27<sup>th</sup> November 2009 (reading and defence committee).
27. Nuno Honório Rodrigues Flores, *Patterns and Tools for improving Framework Understanding: a Collaborative Approach*, University of Porto, Portugal, November 2009 (advisory committee)
28. Ronald van den Berg, *Perceptual Interactions in Human Vision and Implications for Information Visualization*, University of Groningen, 16<sup>th</sup> October 2009 (defence committee).
29. Rik Farenhorst and Remco de Boer, *Architectural Knowledge Management – Supporting Architects and Auditors*, VU Amsterdam, 5<sup>th</sup> October 2009 (defence committee)
30. Nelis Boucké, *Composition and relations of architectural models supported by an architectural description language*, Katholieke Universiteit Leuven, Belgium, September 2009 (defence committee)
31. Giuseppe Papari, *Texture vs. Contours Explorations in the Fields of Contour Detection and Artistic Imaging*, 8<sup>th</sup> May 2009 (defence committee)
32. Ernst Kessler, *Safety is no accident – Contributions to achieving certifiable safe software*, 19<sup>th</sup> September 2008 (defence committee)
33. Anton Jansen, *Architectural design decisions*, University of Groningen, 19<sup>th</sup> September 2008 (defence committee)
34. Sybren Deelstra and Marco Sinnema, *Managing the Complexity of Variability in Software Product Families*, University of Groningen, 9<sup>th</sup> May 2008 (defence committee)

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### 3.9 Reviewer for research funding

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1. List of experts in national funding agencies
  - a. List of Referees of the Czech Science Foundation, 2012-present.
  - b. List of Referees of the Italian Ministry for Education University and Research (MIUR) for the evaluation of research projects, 2012-present.

- c. Register of External Experts, Hellenic Quality Assurance Agency for Higher Education (HQAA), 2010-present.
2. Evaluation committees for research programs
    - a. Veni grant assessment committee (NWO) 2017.
    - b. Evaluation committee of the Program Free Competition, Council for Physical Sciences of the Netherlands Organisation for Scientific Research (NWO), 2012.
  3. Reviewer for research programmes
    - a. The Knowledge Foundation, Sweden, 2017 and 2021.
    - b. Fonds de recherche du Québec, 2014.
    - c. FONDECYT, a research funding program from the National Commission for Scientific and Technological Research, Chile, 2013.
    - d. Open technologieprogramma STW, Dutch Technology Foundation STW, 2013.
    - e. Basic research program, department of physical sciences, Czech Science Foundation, 2013.
    - f. China Exchange Program, Royal Netherlands Academy of Arts and Sciences (KNAW), 2012.
    - g. Program PRIN 2010-2011, MIUR (Italian Ministry for Education, University and Research), 2012.
    - h. Basic research program, department of physical sciences, Czech Science Foundation, 2012.
    - i. Program *Investment Subsidy*, Council for Physical Sciences of the Netherlands Organisation for Scientific Research (NWO), 2011.
    - j. Research Council K.U.Leuven, 2011.
    - k. Research Foundation Flanders (FWO), Informatics and Knowledge Technology (W&T5) 2011.
    - l. Basic Research Funding Program of the Athens University of Economics and Business, Greece, 2009.
    - m. Council of Physical Sciences of the Netherlands Organization for Scientific Research (NWO) Open Competition 2005.

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### **3.10 Invitations for talks and discussion panels**

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1. Keynote speech, “Show me the money!, said the promotion committee to the tenure-tracker”, Research funding event organized by VERSEN, University of Nijmegen, 23 Oct. 2025.
2. Invited talk, *Technical Debt Management - The Road Ahead for Successful Software Delivery*, 7th International Conference on Technical Debt 2024 (Tech Debt 2024), Lisbon, Portugal, 14 - 15 April 2024.

3. Invited talk, *Technical Debt: are we there yet?*, Future of Software Engineering, 45th International Conference on Software Engineering (ICSE 2023), Melbourne, Australia, 14-20 May 2023.
4. Keynote speech, *Making Decisions – From Software Architecture Theory to Practice*, 20th IEEE International Conference on Software Architecture (ICSA 2023), 13-17 March 2023, L'Aquila, Italy.
5. Keynote speech, *Technical Debt: Risk or Opportunity?*, 9th ELLIIT workshop, Karlskrona, Sweden, Oct 15-16, 2019.
6. Keynote speech, *Technical Debt: talking about the elephant in the room*, Spanish National Conference on Software Engineering and Databases, Cáceres, Spain, 2-4 September 2019.
7. Keynote speech, *Why You Should Care About Technical Debt (More Than You Think)*, The 18th IEEE International Conference on Software Quality, Reliability, and Security (QRS), Lisbon, Portugal, July 16-20 2018.
8. Keynote speech, *Industrial-strength architecture design decisions*, Euromicro Conference on Software Engineering and Advanced Applications (SEAA 2017), 30 August - 1 September 2017, Vienna, Austria.
9. Keynote speech, *Technical Debt - From Financial Metaphor to Daily Practice?*, 12<sup>th</sup> International Conference on Evaluation of Novel Approaches to Software Engineering (ENASE 2017), Porto, Portugal, 28-29 April 2017.
10. Invited talk, *The Future of Architecture Technical Debt Management*, Anniversary Session on the Future of Software Architecture, 10<sup>th</sup> European Conference on Software Architecture, Copenhagen, 2<sup>nd</sup> December 2016.
11. Invited talk, *An outlook on Technical Debt Management*, at the 49th CREST Open Workshop - Software Architecture and Technical Debt, London, UK, 28-29 November 2016.
12. Invited colloquium, *Making architecture design decisions in practice*, University of Hamburg, Germany, 10<sup>th</sup> October 2016.
13. Invited talk, *Decision Architect*, CGI Architecture Event, Rotterdam, the Netherlands, 29<sup>th</sup> September 2016.
14. Discussion panel on *Integrating Data Analytics in Enterprise Modeling and Software Development*, at the International Symposium on Business Modeling and Software Design, Rhodos island, Greece, 20<sup>th</sup> June 2016.
15. Keynote speech, *Technical Debt: How Software Organizations Can Stay Solvent*, International Symposium on Business Modeling and Software Design, Rhodos island, Greece, 20<sup>th</sup> June 2016.
16. Invited talk, *Design patterns demystified*, Università Milano Bicocca, Italy, 29<sup>th</sup> January 2016.
17. Invited talk, *Are patterns good for you? On the effect of GOF patterns on stability*, Chalmers University of Technology, Gothenburg, Sweden, 27<sup>th</sup> November 2015.
18. Invited talk, *The fine-print of using patterns*, University of Utrecht, the Netherlands, 25<sup>th</sup> November 2015.
19. Invited talk at the Dutch national symposium on software engineering (SEN), *Technical Debt: looking for new solutions for an old problem*, Amsterdam, December 3<sup>rd</sup>, 2014.
20. Invited talk, *Evaluating Software Architecture - Lightweight and Decision-Centric*,

- University of Sao Paulo, Brazil, October 3<sup>rd</sup>, 2014.
21. Keynote speech at the 8th Brazilian Symposium on Software Components, Architectures and Reuse (SBCARS 2014), Maceio, September 28- October 3, 2014.
  22. Keynote speech at the 7th European Conference on Software Architecture (ECSA 2013) Montpellier, France, July 1-5, 2013.
  23. Invited talk and participation at the IFIP Working Group 2.10 on Software Architecture, Helsinki, 18-19 August 2012.
  24. Invited talk on *E-government – what is it and how does it work?*, workshop on the future of the internet, Academy Noord, Groningen, 24<sup>th</sup> May 2012.
  25. Invited talk on *Architecture Decision Viewpoints: Metamodels and Empirical Validation*, IPA Spring Days on Model-Driven Software Engineering (16-20 April 2012), Garderen.
  26. Invited talk on *Architecting - A rational design process and how to support it*, colloquium at Chalmers University of Technology, Gothenburg, Sweden, 14<sup>th</sup> March 2012.
  27. Invited talk on *Architecture Viewpoints - Keeping Stakeholders Happy*, workshop on Alignment of Requirements and Software Architecture, University of Twente, 6<sup>th</sup> October 2011.
  28. Invited lecturer on *Practical Software Architecting* at the INFORTE program for ICT professionals, April 13-14 2011, Helsinki, Finland.
  29. Keynote speech on *Architecture knowledge management*, at the SoSE seminar of the Finnish graduate school for Software Engineering, 22-25 March 2010, Saariselkä, Finland.
  30. Invited talk on *Execution Architecture Viewpoints*, Multi-Actor Systems colloquium, T.U. Delft Leuven, 12<sup>th</sup> March 2010.
  31. Invited talk on *Execution viewpoints in an industrial context*, Colloquium on Software Architecture, K.U. Leuven, 11<sup>th</sup> September 2009.
  32. Invited talk on *A Pattern-driven Approach against Architectural Knowledge Vaporization*, Software Engineering Radio, episode 146, (<http://www.se-radio.net/>), July 2009.
  33. Discussion Panelist on *Services in e-Government*, 18th IEEE International Workshops on Enabling Technologies: Infrastructures for Collaborative Enterprises (WETICE), June 29 - July 1, 2009, Groningen, The Netherlands.
  34. Discussion Panelist on *SOA Pattern Languages*, Dagstuhl seminar 09021 on Software Service Engineering, 4-7 Jan 2009, Dagstuhl, Germany.
  35. Invited talk on *Architecture Knowledge and Patterns*, Philips Healthcare, Darwin project, December 2008, Best, the Netherlands.
  36. Invited talk on *Architectural traceability*, ASML, June 2008, Veldhoven, the Netherlands.
  37. Invited talk on *2 Case Studies on Evaluating Tools for Architectural Knowledge*, at the Workshop on Empirical Assessment in Software Architecture (EASA 08), 18 February 2008, Vancouver, Canada.
  38. Invited seminar on *Sharing and reusing architecture knowledge*, Graduate School TrustSoft, University of Oldenburg, 23<sup>th</sup> October 2007, Oldenburg, Germany.
  39. Invited talk on *Architecting industrial software-intensive systems*, Neopost Technologies, 11<sup>th</sup> September 2007, Drachten, the Netherlands.

40. Invited talk on *Tool Support for Architecture Knowledge*, Track for the Jacquard Program, Landelijk Architectuur Congres, 22 November 2006, Utrecht, the Netherlands.
41. Invited talk on *Architecture-driven evolution*, ERCIM Working Group on Rapid Integration of Software Engineering, VTT, May 30th 2005, Helsinki, Finland.
42. Invited talk on *Architectural Patterns for Collaborative Applications*, Fraunhofer IPSI colloquium, 25th May 2005, Darmstadt, Germany.
43. Invited talk on *Modeling Architectural Patterns*, Computing Science dept. of the Open University, 21 March 2005, Milton Keynes, UK.
44. Invited talk on *Documenting and Instantiating Architectures of Software systems*, University of Luxembourg, 18th July 2004, Luxembourg.
45. Invited talk on *Resolving architectural mismatches of COTS through architectural reconciliation*, Centre de Recherche Public Henri Tudor, June 2004, Luxembourg.

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### 3.11 Scientific reviews

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1. Reviewer for the following journals:
  - a. Transactions on Software Engineering and Methodology – TOSEM (ACM)
  - b. Communications of the ACM – CACM (ACM)
  - c. Transactions on Software Engineering – TSE (IEEE)
  - d. IEEE Software (IEEE)
  - e. IT Professional (IEEE)
  - f. Journal of Systems and Software – JSS (Elsevier)
  - g. Information and Software Technology - IST (Elsevier)
  - h. Software: Practice and Experience – SP&E (Elsevier)
  - i. Computers in Industry (Elsevier)
  - j. Engineering Applications of Artificial Intelligence (Elsevier)
  - k. Science of Computer Programming – SCP (Elsevier)
  - l. Transactions on Pattern Languages of Programming – TPLoP (Springer)
  - m. Empirical Software Engineering – EMSE (Springer)
  - n. Requirements Engineering Journal - REJ (Springer)
  - o. Software and Systems Modeling - SoSyM (Springer)
  - p. Software Quality Journal (Springer)
  - q. Journal of Software: Evolution and Process – JSEP (Wiley)

- r. Expert Systems (Wiley)
- s. Future Generation Computer Systems – FGCS (Elsevier)
- t. The Computer Journal (Oxford University Press)
- u. International Journal of Software Engineering and Knowledge Engineering –IJSEKE (World Scientific)
- v. Journal of Universal Computer Science - JUCS

2. Reviewer for the following books:

- a. I. Mistrik, N. Ali, R. Kazman, J. Grundy, B. Schmerl (eds.), *Managing Trade-offs in Adaptable Software Architectures*, Morgan Kaufmann, 2016.
- b. I. Mistrik, R. Soley, J. Grundy, B. Tekinerdogan, and N. Ali (eds.), *Software Quality Assurance*, Morgan Kaufmann, 2015.
- c. I. Mistrik, R. Bahsoon, Y. Zhang, K. Sullivan, R. Kazman (eds.), *Economics-Driven Software Architecture*, Elsevier, 2013
- d. I. Mistrik, P. Eeles, R. Bahsoon, M. Stal, *System Quality and Software Architecture (SQSA)*, Elsevier, 2013.
- e. I. Mistrik, M. Ali Babar, K. Koskimies, *Agile Software Architectures*, Elsevier, 2013.
- f. Peter Goodyear & Simos Retalis (Eds.), *E-learning, Design Patterns, and Pattern Languages*, Technology-Enhanced Learning book series, Sense Publishers, 2010.
- g. Antonio Casimiro, Rogério de Lemos, Cristina Gacek (Eds.), *Architecting Dependable Systems 7*, Springer LNCS, 2010.
- h. Rogério de Lemos, Jean-Charles Fabre, Cristina Gacek, Fabio Gadducci, Maurice ter Beek (Eds.), *Architecting Dependable Systems 6*, Springer LNCS, 2009.
- i. Three book proposals (2008, 2009, 2011) on the Software Patterns series, John Wiley & Sons Ltd.
- j. Rogério de Lemos, Felicita Di Giandomenico, Cristina Gacek, Henry Muccini, Marlon Vieira (Eds.), *Architecting Dependable Systems 5*, Springer LNCS, 2008.

3. Reviewer of software patterns

- a. Coach of authors of software patterns ('shepherd') for the European Pattern Languages of Programming (EuroPLOP), Irsee, Germany, 2006-present.

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### 3.12 Academic Services

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Sep 2023 – present	Scientific Director, Engineering Doctorate on Autonomous Systems, University of Groningen.
July 2020 – May 2025	Member of the Committee for Evaluation of Associate Professors to Full Professors, Faculty of Science and Engineering, University of Groningen.

- June 2018 – May 2024 Board of the Bernoulli Institute for Mathematics, Computer Science and Artificial Intelligence, University of Groningen (vice-chair since June 2020)
- June 2018 – May 2020 Head of the department for Computer Science
- Jan. 2017 – May 2018 Board of the Johann Bernoulli Institute for Mathematics and Computer Science, University of Groningen
- Feb. 2016 - 2018 Valorisation committee, Faculty of Science and Engineering, University of Groningen.
- Sep. 2013 – 2019 Executive Committee for the Double degree master's program in Software Engineering between University of Groningen and the University Politechnica of Bucharest.
- Sep. 2012 – Present Chair of the *Program Committee* (since Feb. 2018, formerly member), Computer Science, University of Groningen.
- Mar. 2010 – 2019 Coordinator of the Business Computing track of the B.Sc. in Computer Science, University of Groningen.
- Feb. 2009 – Present *Management Team Computer Science*, University of Groningen, coordinator February 2015 – June 2020.
- Sep. 2007 – Present Coordinator of Public Relations (voorlichting) for the Hanze Hogeschool (Hanze University of Applied Sciences)
- Nov. 2006 – Present Coordinator of the M.Sc. track on Software Engineering and Distributed Systems
- Nov. 2006 – Present Chair of the Software Engineering and Architecture Research group. The group is currently comprised of 16 Ph.D. students, 1 part-time lecturer (0.3 fte), 1 full professor, 1 associate professor, 2 tenure-track assistant professor 2 honorary professors (Tijs van der Storm and Michael Stal).
- Nov. 2006 – Sep. 2017 Member of the *Curriculum Committee*, Computer Science, University of Groningen.
- Nov. 2006 – Sep. 2012 Secretary of the *Board of Examiners (examencommissie)* and the *Board of Admissions (toelatingscommissie)*, Computer Science, University of Groningen.
- Sep. 2005 – Dec. 2006 Member of the *Computer Policy Committee* (Computerbeleidscommissie), Computer Science, University of Groningen.

# 4 Research

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## 4.1 Grant Support

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1. **MAST - Managing Sustainability Tradeoffs**, funded with 2 Ph.D. positions by the ITEA4 program (1-1-2025 – 31-12-2027). In a consortium of 3 universities and 5 companies I am Coordinator and Principal Investigator for the whole project.
2. **Technologisch Ontwerpers voor Noordelijke Industriële Clusters (TONIC)**, funded with 3,972M€ for the development of Engineering Doctorate Programs by the SNN Just Transition Fund (1-10-2023-30-9-2027). A collaboration between the Faculty of Science and Engineering at the University of Groningen and the Innovatiecluster Drachten and Sustainable Products and Chemicals Cluster.
3. **VISDOM - Visual diagnosis for DevOps software development**, funded with 1 Ph.D. and 1 postdoc position by the ITEA3 program (1-10-2018-30-6-2022). In a consortium of 3 universities and 13 companies I am co-applicant and the RUG principal investigator supervising Yikun Li and Mohamed Soliman.
4. **Software Architectural Technical Debt Management Based on Traceability of Multi-artifacts**, funded by the China National Science Foundation (1/1/2018 - 31/12/2020). I am co-Principal Investigator together with Zengyang Li (Wuhan University).
5. **SDK4ED - Software Development toolKit for Energy optimization and technical Debt elimination**, funded with 1 PhD position from H2020-ICT-2017-1 (1/1/2018 – 31/12/2020). I am co-applicant and the RUG principal investigator.
6. **QDSA - Quality-driven Software Architecture**. (1/8/2013-1/8/2017). I am principal investigator (co-) supervising Elvira Maria Arvanitou and Areti Ampatzoglou, in collaboration with the University of Macedonia, Greece (prof. Chatzigeorgiou). Both Arvanitou and Ampatzoglou are funded by a third-party source.
7. **PROMES - Process Models for Engineering of Embedded Systems**, funded with 2 Ph.D. positions by the ITEA2 program (1/2/2013-1/2/2016). In a consortium of 2 research institutes and 3 companies I am co-applicant and the RUG principal investigator supervising Christian Manteuffel and Sofia Charalampidou.
8. **TSDAD - Tool Support for Documenting Architecture Decisions**, funded with a lump sum by the ABB Research Grant Program 2012 (1/2/2013-30/11/2013). In collaboration with ABB, I am the sole applicant and principal investigator supervising Dan Tofan and 2 M.Sc. students.
9. **ESECES - Empirical Software Engineering for Critical Embedded Systems**, funded with 4 person-years of mobility for Ph.D. students and 4 person-years of mobility for postdocs by the NUFFIC-CAPES program in Brazil and the Netherlands (1/9/2012-1/9/2016). I am the sole applicant and principal investigator, in collaboration with the University of Sao Paulo (prof. Nakagawa and Maldonado). In both ACES and ESECES I am (co-)supervising 3 Ph.D. students (Daniel Feitosa, Lina María Garcés Rodríguez, Edilson José Davoglio Candido), and 3 postdocs (Katia Romero Felizardo, Vinícius Durelli, Frank J. Affonso).
10. **ACES - Architecting Critical Embedded Systems**, funded with 3 person-years of mobility for Ph.D. students, 2 person-years of mobility for postdocs and 6 months of mobility for

myself, by the Special Visiting Researcher grant program of the Science Without Borders program of CNPq and CAPES Brazil - (1/6/2012-1/6/2015). I am the sole applicant and principal investigator, in collaboration with the University of Sao Paulo (prof. Nakagawa and Maldonado).

11. **STAND - Semantic-enabled collaboration Towards Analysis, Negotiation and Documentation on distributed requirements engineering**, funded with 1 Ph.D. position by the AFR program of Fonds National de la Recherche - Luxembourg (15/1/2011-15/1/2015). I am the sole applicant and principal investigator supervising Zengyang Li, in collaboration with the University of Luxembourg (prof. Guelfi).
12. **STAND-China**, funded with a lump sum by the Scholarship for International Young Scientists grant program of the Natural Science Foundation of China (01/01/2010 - 31/12/2010). I was the sole applicant and principal investigator in collaboration with the State Key Lab of Software Engineering (SKLSE), Wuhan University (prof. Liang).
13. **LITEAK - Leveraging the Interplay of Tacit and Explicit Architectural Knowledge**, funded with 1 bursary Ph.D. position by the Ubbo-Emmius program of the Faculty of Mathematics and Natural Sciences, University of Groningen (1/10/2009- 1/10/2013). I am principal investigator supervising Dan Tofan.
14. **SAS-LEG - Software As Service for the varying needs of Local EGovernments**, funded with 3 research positions (550k€) by the JACQUARD program of NWO, the Netherlands (1/6/2008 - 1/6/2012). In a consortium of 3 RUG research groups and 1 company, I was co-applicant and principal investigator for the Software Engineering group, supervising 1 postdoc, Matthias Galster.
15. **APDH - Architecture Pattern Design Handbook**, funded with 2 bursary Ph.D. positions by the Faculty of Mathematics and Natural Sciences, University of Groningen, as part of my tenure-track start-up grant (1/5/2006 - 1/5/2010). I was principal investigator, supervising Neil Harrison, Ahmad Kamal and Uwe van Heesch. Mr. van Heesch was funded by a third-party source.
16. **Darwin**, funded with 1 Ph.D. position by the Bsic program of SenterNovem, the Netherlands (1/10/2005 – 1/10/2009). In a consortium of 7 research institutes and 1 company, I was the RUG principal investigator, supervising Trosky Callo.
17. **HEFBOOM**, funded with 1 postdoc position by the Hefboom program of NWO, the Netherlands (1/8/2005 – 1/8/2009). I was the principal investigator, supervising Peng Liang.
18. **GRIFFIN - a GRId For inFormatIoN about architectural knowledge**, funded with 1 postdoc position by the JACQUARD program of NWO, the Netherlands (1/5/2005-1/5/2009). In a consortium of 2 universities and 4 companies, I was the RUG principal investigator, supervising Anton Jansen.
19. **DIAS - Documenting and Instantiating Architectures of Software systems**, funded with 1 postdoc position by National Research Fund (Fonds National de la Recherche - Luxembourg) and Fraunhofer IPSI (Germany) in the context of the ERCIM Fellowship program (5/1/2004-4/7/2005). I was the sole applicant and principal investigator (this was my own postdoc grant).

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## 4.2 Publications

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h-index: 56 (source: Google Scholar, November 2025)

Information about my publications can also be found online:

1. DBLP - <https://dblp.uni-trier.de/pid/30/3651.html>
2. ACM DL - <https://dl.acm.org/profile/81100491268>
3. Google Scholar - <http://scholar.google.com/citations?user=OlydiYMAAAAJ>

#### 4.2.1 Books

- B1. D. Mendez, P. Avgeriou, M. Kalinowski, N. bin Ali, *Handbook on Teaching Empirical Software Engineering*, Springer-Verlag, 2024.
- B2. P. Avgeriou, J. Grundy, J.G. Hall, P. Lago, I. Mistrík, *Relating Software Requirements and Architectures*, Springer-Verlag, ISBN 978-3-642-21000-6, 1<sup>st</sup> Edition, 430 p., August 2011. <http://dx.doi.org/10.1007/978-3-642-21001-3>.

#### 4.2.2 Journals

- J1. J. Biazotto, D. Feitosa, P. Avgeriou, E. Nakagawa, *Understanding practitioners' reasoning and requirements for efficient tool support in technical debt management*. Empirical Software Engineering, Springer, 30, 134 (2025).
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- C2. J. Biazotto, D. Feitosa, P. Avgeriou, E. Nakagawa, *Automating Technical Debt Management: Insights from Practitioner Discussions in Stack Exchange*, International Conference on Technical Debt 2025, 27-28 April 2025, Ottawa, Ontario, Canada.
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- C4. E. Sutoyo, P. Avgeriou, A. Capiluppi, *Deep Learning and Data Augmentation for Detecting Self-Admitted Technical Debt*, 31st Asia-Pacific Software Engineering Conference (APSEC 2024), 3-6 Dec 2024, Chongqing, China.
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- C9. M. Soliman, K. Gericke, P. Avgeriou, *Where and What do Architects blog? An Exploratory Study on Architectural Knowledge in Blogs, and their Relevance to Design Steps*, 20th IEEE International Conference on Software Architecture (ICSA 2023).
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- C13. M. Soliman, M. Galster, P. Avgeriou, *An Exploratory Study on Architectural Knowledge in Issue Tracking Systems*, European Conference on Software Architecture (ECSA 2021), LNCS vol 12857. Springer. [https://doi.org/10.1007/978-3-030-86044-8\\_8](https://doi.org/10.1007/978-3-030-86044-8_8)
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- C38. A. Ampatzoglou, **P. Avgeriou**, T. Koenders, P. van Alphen, I. Stamelos, *Title: Quality Rule Violations in SharePoint Applications: An Empirical Study in Industry*, proceedings of the 17th International Conference on Product-Focused Software Process Improvement (PROFES2016), 22-24 November 2016, Trondheim, Norway.
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- C50. Z. Li, P. Liang, **P. Avgeriou**, N. Guelfi, A. Amaptzoglou, An Empirical Investigation of Modularity Metrics for Indicating Architectural Technical Debt, France, in proceedings of the 10th International ACM SIGSOFT Conference on the Quality of Software Architectures (QoSA), June 30 to July 3 2014, Lille, France.
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- C77. A. W. Kamal, **P. Avgeriou**, Modeling the Variability of Architectural Patterns, Software Engineering track of the 25th Symposium On Applied Computing, March 22 - 26, 2010, Sierre, Switzerland, ACM CS Press. (acceptance rate < 30%) <http://doi.acm.org/10.1145/1774088.1774572>
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- C94. N. Harrison and **P. Avgeriou**, Leveraging Architecture Patterns to Satisfy Quality Attributes, First European Conference on Software Architecture Madrid, Spain, September 24-26, 2007,

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