

Curriculum Vitae

PROF.DR.IR. AVGERIOU PARIS

Groningen, January 2012

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1 Personal Details

FIRST NAME: Paris (short for Paraskevas)
LAST NAME: Avgeriou
NATIONALITY: Greek
ADDRESS: University of Groningen, Nijenborgh 9, 9747 AG,
Groningen, the Netherlands
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2 Employment

Feb. 2009 – present **Associate Professor** (Prof.dr. title, tenured, with Ius Promovendus), Department of Mathematics and Computing Science, University of Groningen, the Netherlands. Head of the Software Engineering and Architecture Group.

Aug. 2005 – Jan. 2009 **Assistant Professor**, Department of Mathematics and Computing Science, 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, Faculty of Science, Technology and Communication, 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.
Trainer in training seminars for two Greek Training Centers.

3 Studies

Oct. 1999- Jan. 2003 **Ph.D.** in the Department of Electrical and Computer Engineering of the National Technical University of Athens, *summa cum laude*.
Dissertation: “A reference architecture for open Learning Management Systems”, completed at the Software Engineering laboratory.

Sep. 1994 – Oct. 1999 **Engineer’s Diploma** in the Department of Electrical & Computer Engineering, National Technical University of Athens (specialized in Computer Science), *summa cum laude*.
Diploma thesis: “CRITON: A CASE tool for designing web-based courseware”, completed at the Software Engineering laboratory.

3.1 Training and Accreditation

1. Training Programme on “Basic Teaching Qualification” (Basiskwalificatie Onderwijs - BKO), November 2010 – June 2011.
2. Training Programme on “Academic Leadership”, University of Groningen, Mobility & Training Center, March-May. 2008 (4 days)
3. Training Programme on “Presentation Skills”, University of Groningen, University Centre for Learning & Teaching, April 2007 (4 days)
4. Training Programme on “Career planning”, University of Groningen, Mobility & Training Center, September-October 2006 (4 half-days)
5. Training seminar for tenure track assistant professors, RUG FWN, 19th December 2006 (1 half-day)
6. “14th International School for Computer Science Researchers on Software Engineering”, University of Catania, Lipari, Italy, June 30th – July 13th, 2002.
7. Accredited Trainer by the National Accreditation Center of Vocational Training Structures and Accompanying Services, Greece, 2002.
8. Certified Electrical and Computer Engineer by the Technical Chamber of Greece, 2001.

4 Teaching Experience

4.1 Teaching as principal instructor

4.1.1 Postgraduate courses

- | | |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Sep. 2006 – Present | “ <i>Software patterns</i> ”, Department of Mathematics and Computing Science, University of Groningen. |
| Sep. 2005 – Present | “ <i>Software architecture</i> ”
Department of Mathematics and Computing Science, University of Groningen. |
| Nov. 2005 – Jan 2006 | “ <i>Student Colloquium</i> ” (co-instructor), Department of Mathematics and Computing Science, University of Groningen. |
| Jan. 2003 - Jun. 2003 | “ <i>Learning Technologies and Open/Distance Learning</i> ” (co-instructor), Computer Science Department, University of Cyprus. |

4.1.2 Undergraduate courses

- | | |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Sep. 2007- present | “ <i>B.Sc. Graduation Project</i> ” (coordinator), Department of Mathematics and Computing Science, University of Groningen. |
| Sep. 2007-present | “ <i>Software Requirements Engineering</i> ” (coordinator), Department of Mathematics and Computing Science, University of Groningen. |
| Sep. 2007-present | “ <i>Software Engineering I and II</i> ” (coordinator), Department of Mathematics and Computing Science, University of Groningen. |
| Feb. 2006 – Apr. 2006 | “ <i>Software analysis and design</i> ” (co-instructor) Department of Mathematics and Computing 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 “EPL01: Introduction to Computer Science”, Computer Science Department, University of Cyprus.
- Jan. 2003 – Jun. 2003 “EPL032: Programming of Problem-Solving Methods”, Computer Science Department, University of Cyprus.

4.2 Teaching Assistantship

4.2.1 Postgraduate courses

- Oct. 1999 – Jan. 2003 “Web Engineering”, Department of Electrical and Computer Engineering, National Technical University of Athens.
- Oct. 1999 – Jan. 2003 “Object-oriented Software Engineering”, Department of Electrical and Computer Engineering, National Technical University of Athens.

4.2.2 Undergraduate courses

- Oct. 1999 – Jan. 2003 “Software Engineering”, Department of Electrical and Computer Engineering, National Technical University of Athens.
- Oct. 1999 – Jan. 2003 “Introduction to computer programming”, Department of Electrical and Computer Engineering, National Technical University of Athens.
- Oct. 1999 – Jan. 2003 “Programming Techniques”, Department of Electrical and Computer Engineering, National Technical University of Athens.

4.3 Teaching in Vocational Training

- Apr. 2001 – May 2001 “Introduction to the Java programming language”, in the European Master in Interactive Multimedia Business Projects, under the programme “Leonardo II” of the European Union.
Center of Applied Industrial Design, Athens, <http://www.caid.gr>.
- Jan. 2000 – Jul. 2000 Vocational Training on Office applications, Databases, Local Area Networks, and Web authoring.
“Mentor” Center of Vocational Training, Athens, <http://www.mentor.gr>.

5 Supervision of students and researchers

5.1 Postdocs

1. Matthias Galster, *Architecture Variability in Software as a Service*, NWO SAS-LEG, June 2010 – present.
2. Peng Liang, *Architecture knowledge ontologies*, NWO HEFBOOM, August 2007 – November 2009.
3. Anton Jansen, *Architectural knowledge management*, NWO GRIFFIN, October 2006 – October 2008.

5.2 PhD students

5.2.1 Direct supervisor

1. Zengyang Li, *Semantic-Enabled Collaboration Towards Analysis, Negotiation and Documentation of Distributed Requirements Engineering*, University of Groningen (2011 - 2015).
2. Dan Tofan, *Reuse in Agile Software Architecture*, University of Groningen (2009 - 2013).
3. Uwe van Heesch, *Pattern-based Architectural Knowledge Management*, University of Groningen (2008 - 2012).
4. Ahmad Waqas Kamal, *Modeling Variability and Integration of Architectural Patterns*, University of Groningen (2006-2011).
5. Trosky Boris Callo Arias, *Execution Architecture Views For Evolving Software-Intensive Systems*, University of Groningen (2006-2011).
6. Neil Harrison, *Improving Quality Attributes of Software Systems through Software Architecture Patterns*, University of Groningen (2006-2011).

5.2.2 Co-promoter

1. Klaas-Jan Stol, *Supporting Product Development with Software from the Bazaar*, Lero - the Irish Software Engineering Research Centre, University of Limerick, Ireland (2008-2011), together with M. Ali Babar and Brian Fitzgerald.
2. Anton Jansen, *Architectural design decisions*, University of Groningen (2002-2008), together with Jan Bosch and Dieter Hammer.

5.3 M.Sc. theses

1. Robert Vrooland, *Modeling architectural primitives*, M.Sc. thesis, University of Groningen (ongoing).
2. Marco van der Kooi, *Traffic4u Bid Management*, M.Sc. thesis, University of Groningen (ongoing).
3. Natajsa Sterenborg, *Infrastructure and backend support for an architecture knowledge repository*, M.Sc. thesis, University of Groningen (ongoing).
4. Alex Haan, *Tool support for documenting architecture knowledge*, M.Sc. thesis, University of Groningen (ongoing).
5. Watze Winsemius, *Intelligente tutoring voor meetkunde vraagstukken door middel van oplossingsstrategieën en feedback*, M.Sc. thesis, University of Groningen (ongoing).
6. Grayson Kleine, *Tool support for the Repertory Grid Technique*, M.Sc. thesis, University of Groningen (ongoing).
7. Sara Mahdavi, *Variability in quality attributes of service-based software systems: A systematic literature review*, M.Sc. thesis, University of Groningen, 2011.
8. Mattijs Kersten, *How to make runtime architectural design decisions*, M.Sc. thesis, University of Groningen 2010.

9. Michel de Jong, *Traceability between architecture decisions and models*, M.Sc. thesis, University of Groningen, 2010.
10. Hubert ten Hove, *A back-end server for an architecture knowledge repository*, M.Sc. thesis, University of Groningen 2010.
11. Reinder Kamphorst, *Comparing quantitative architecture analysis models*, M.Sc. thesis, University of Groningen 2009.
12. Sebastiaan Frijling, *Data warehouse and RUP: a case study at KPN*, M.Sc. thesis, University of Groningen 2009.
13. Nick Kirtley, *Modeling architectural primitives in UML*, M.Sc. thesis, University of Groningen 2008.
14. Jens Rasmussen, *Understanding Software Architectures: Tracing architectural knowledge in software architecture documentation*, M.Sc. thesis, University of Groningen 2008.
15. Tjaard de Vries, *Knowledge management on quantitative architectural analysis*, M.Sc. thesis, Astron and University of Groningen, 2008.
16. Job Habraken, *Architectures for e-Learning solutions*, M.Sc. thesis, Open University, 2008.
17. Daniel Neeteson, *Parameter History Logging as an Architecturally Sensitive Usability Scenario in Automation Systems*, M.Sc. thesis, University of Tampere (Finland) and University of Groningen, 2007.
18. Mark Bastiaans, *Wireless Sensor Network Architectures*, M.Sc. thesis, TNO ICT and University of Groningen, 2007.
19. Samvel Petrosyan, *System Wide Notification Service*, M.Sc. thesis, Chipsoft and University of Groningen, 2007.
20. Ewoud Werkman, *Modeling runtime adaptability*, M.Sc. thesis, Fraunhofer IESE, Germany and University of Groningen, 2007.
21. Bjørn Lindeijer, *Architecting Distributed Meeting Software*, M.Sc. thesis, Fraunhofer IPSI, Germany and University of Groningen, 2007.
22. Feike Kramer, *A software architecture for a nearcast platform*, M.Sc. thesis, TNO ICT and University of Groningen, 2006.
23. M. Bouloukakis, *LOM_MS: A Learning Object Metadata Management System*, M.Sc. thesis, Department of Electrical and Computer Engineering, National Technical University of Athens (2000).
24. A. Papasalouros, *A case study for the Rational Rose CASE Tool*, M.Sc. thesis, Department of Electrical and Computer Engineering, National Technical University of Athens (2000).
25. F. Stathopoulos, *IMS-QTI: A software system for the support of creating and managing web-based assessment tests*, M.Sc. thesis, Department of Electrical and Computer Engineering, National Technical University of Athens (2000).

5.4 Internships

1. Konstantinos Tselios, *Decision support based on the Repertory Grid*, University of Groningen, 2011.

2. Grayson Kleine, *Searching for the next discovery – SODA: SLR online Search Desktop Application*, University of Groningen, 2011.
3. Alexander Bograd, *Relating SOA Design Patterns to Quality Attributes*, University of Groningen, 2011.
4. Xander Elsas, *Managing Reference Lists*, University of Groningen, 2011.
5. Stefan Arians and Ben Ripkens, *the Open Decision Repository*, University of Groningen, 2011.
6. Niels Luten, *Tool Support for Execution Information Exploration*, Hanze University of Technology, 2010.
7. Sara Mahdavi, *Instantiating Knowledge in the Open Pattern Repository*, University of Groningen, 2010.
8. Martin Verspai and Christian Manteuffel, *the Open Pattern Repository*, University of Groningen, 2010.
9. Lazaro Luhusa, *Model Driven Visualization of Execution Architectures*, University of Groningen, 2009.
10. Michel de Jong, *Online Repository for Patterns and Technologies*, University of Groningen, 2009.
11. Joris Best, *An architecture knowledge explorer*, University of Groningen, 2007.
12. Hubert ten Hove and Marco van der Kooi, *Visualization support for architecture knowledge*, University of Groningen, 2007.
13. Herman van Rink and Sjouke W. Boersma, *Constraining patterns in OCL*, University of Groningen, 2006.
14. Nick Kirtley, *BPEL Template Processes*, University of Groningen, 2006.

5.5 B.Sc. Theses

1. Cláudio Belo Lourenço, *Open Pattern Repository Plugin for Visual Paradigm*, University of Groningen, 2010.
2. Johan Drenthen, *Visualizing patterns in UML diagrams*, B.Sc. thesis, University of Groningen 2009.
3. Samuel Esposito, *Code Generation for UML Diagrams*, B.Sc. thesis, University of Groningen 2009.
4. Patrick Ratelband, *A visualization tool for displaying dynamically a topology layout*, B.Sc. thesis, University of Groningen 2008.
5. Joel de Nes, *An industrial software engineering case study*, B.Sc. thesis, University of Groningen 2008.

6 Research Projects

6.1 National Projects

1. **“STAND - Semantic-enabled collaboration Towards Analysis, Negotiation and Documentation on distributed requirements engineering”**, funded with one PhD position (145.5k€) by Fonds National de la Recherche (FNR) Luxembourg under the AFR scheme.
2. Mobility grant (200,000 RMB) funded by the International (Regional) Cooperation and Exchange Program - National Natural Science Foundation of China (01/01/2010 - 12/31/2010).
3. **“SAS-LEG - Software As Service for the varying needs of Local EGovernments”**, Funded with 3 research positions (550k€) by NWO's JACQUARD program for software engineering, the Netherlands (1/6/2008 - 1/6/2012). I am principal investigator for Software Engineering and Architecture. I supervise 1 PhD student (Kontogogos).
4. **“An Architecture Pattern Design Handbook”**. Funded with two bursary PhD positions by the Faculty of Mathematics and Natural Sciences, University of Groningen (1/5/2006-1/5/2010). I am principal investigator and project manager. I supervise 3 PhD students (Harrison, Kamal and van Heesch). Mr. van Heesch is funded by a third-party source.
5. **“DARWIN”**. Funded with 1 PhD position by the Bsik programme of SenterNovem, the Netherlands (1/10/2005 – 1/10/2009). I am the local principal investigator and project manager. I supervise 1 PhD student (Callo).
6. **“RUG-HEFBOOM”**. Funded with 1 postdoc position by the Hefboom project of NWO, the Netherlands (1/5/2005 – 1/8/2009). I am the project manager. I supervise 1 Postdoc (Liang).
7. **“GRIFFIN - a GRId For inFormatIoN about architectural knowledge”**. Funded with 1 PhD position by NWO's JACQUARD program for software engineering, the Netherlands (1/5/2005- 1/5/2009). I am the local principal investigator and project manager. I supervise 1 Postdoc (Jansen).
8. **“DIAS - Documenting and Instantiating Architectures of Software systems”**. Funded with 1 postdoc by Luxembourg's National Research Fund (Fonds National de la Recherche) in the context of the ERCIM Fellowship programme (5/1/2004-4/9/2004). This was my research project during my ERCIM fellowship in Luxembourg.
9. **“FL-ArchDesign: Formal Languages of Software Architecture Design”**. Funded by the “Thales” Basic Research Support Program of the National Technical University of Athens (1/1/2002-31/12/2003). I was the grant applicant and principal researcher. It provided extra funding for my PhD.
10. **“SynSemAI: Syntax and Semantics of Artificial Languages”**. Funded by the “Archimedes” Basic Research Support Program of the National Technical University of Athens (1/4/2000-31/3/2002). I was a research assistant. It provided extra funding for my PhD.
11. **“Software Usability Network”**. Funded by the Greek General Secretariat of Research and Technology, under the Programme EPET II (1/1/2000-30/6/2001). I was a research assistant. It was a network of excellence, which provided funding for travelling and collaboration with academic and industrial partners, during my PhD.

6.2 European Union Projects

1. **“S-Cube Network of Excellence”**, as an associate member of the FP7 NoE project.

2. **“SeCSE - Service-Centric System Engineering”**. An EU Framework VI Integrated Project (1/9/2004 – 31/8/2006). Senior researcher.
3. **“UNIVERSAL exchange for pan-European higher education”**. Funded by the IST Programme (IST-1999-11747), (1/5/2002-30/4/2004). Research assistant.
4. **“E-LEN: A network of e-learning centers”**. Funded by the SOCRATES Programme, (1/10/2002 – 01/10/2004). Research assistant.
5. **“MENU: A Model for a European Networked University”**. Funded by the e-learning Programme, DG XXII (1/11/2001 – 30/6/2003). Research assistant.
6. **“WEBSET- Web based Standard Educational Tools”**. Funded by the IST Programme (IST-1999-10632), (1/5/2000-30/4/2002). Research assistant.

7 Awards and Distinctions

1. 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.
2. Selected best paper at the 9th Working IEEE/IFIP Conference on Software Architecture (WICSA), 20-24 June 2011 Boulder, Colorado, USA.
3. Selected best paper at the 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*.
4. Best paper award in the Working Conference on Reverse Engineering (WCRE 2008), October 15th-18th, 2008 - Antwerp, Belgium.
5. Award of “Most innovative Computer Science teacher of the year 2006-07”, Computing Science department, University of Groningen. Nominated for the same award at the faculty level.
6. Nominated for the Young Academy – Royal Dutch Academy of Sciences (De Jonge Akademie - Koninklijke Nederlandse Akademie van Wetenschappen), 2006.
7. Post-doctoral Fellowship of the European Research Consortium for Informatics and Mathematics (ERCIM), <http://www.ercim.org/> (2003-2005), acceptance rate 10%.
8. 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,
9. 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).
10. Scholarship from the Institute of Communication and Computer Systems (ICCS), National Technical University of Athens, for the support of doctoral research (1999-2001).
11. Academic achievement award in the Department of Electrical and Computer Engineering, National Technical University of Athens, from the Technical Chamber of Greece, (2000).
12. Awarded the Certificate of Proficiency in English, Univ. of Cambridge, UK, 1992 and subsequently authorized to teach English as a Foreign Language in Greece (1995).

8 Membership in evaluation committees & advisory boards

1. Evaluation committee of the Program Free Competition, Council for Physical Sciences of the Netherlands Organisation for Scientific Research (NWO), 2012.
2. Evaluation committee for the promotion of a faculty member of the Technological Educational Institute of Patras, Greece, 2011-2012.
3. Advisory board for the E.U. FP7 TERESA project (<http://www.teresa-project.org/>)
4. Board of the Research School “Institute for Programming and Algorithmics” (IPA), <http://www.win.tue.nl/ipa>, 2011-present.
5. Register of External Experts, Hellenic Quality Assurance Agency for Higher Education (HQAA), 2010-present.

9 Membership in PhD Committees

1. Nuno Honório Rodrigues Flores, *Patterns and Tools for improving Framework Understanding: a Collaborative Approach*, University of Porto, Portugal (advisory committee)
2. Viktor Clerc, *Architectural Knowledge Management in Global Software Development*, VU Amsterdam, 13th December 2011 (reading and defence committee).
3. Arda Göknil, *Traceability of Requirements and Software Architecture for Change Management*, University of Twente, 7th October 2011 (reading and defence committee).
4. George Byelas, *Visualization of Metrics and Areas of Interest on Software Architecture Diagrams*, University of Groningen, 29th January 2010 (defence committee).
5. Sari Vesiluoma, *Understanding and Supporting Knowledge Sharing in Software Engineering*, Tampere University of Technology, Tampere, Finland, 27th November 2009 (reading and defence committee).
6. Ronald van den Berg, *Perceptual Interactions in Human Vision and Implications for Information Visualization*, University of Groningen, 16th October 2009 (defence committee).
7. Rik Farenhorst and Remco de Boer, *Architectural Knowledge Management – Supporting Architects and Auditors*, VU Amsterdam, 5th October 2009 (defence committee)
8. Nelis Boucké, *Composition and relations of architectural models supported by an architectural description language*, Katholieke Universiteit Leuven, Belgium, September 2009 (defence committee)
9. Giuseppe Papari, *Texture vs. Contours Explorations in the Fields of Contour Detection and Artistic Imaging*, 8th May 2009 (defence committee)
10. Ernst Kessler, *Safety is no accident – Contributions to achieving certifiable safe software*, 19th September 2008 (defence committee)
11. Anton Jansen, *Architectural design decisions*, University of Groningen, 19th September 2008 (defence committee)
12. Sybren Deelstra and Marco Sinnema, *Managing the Complexity of Variability in Software Product Families*, University of Groningen, 9th May 2008 (defence committee)

10 Membership in scientific & professional bodies

1. Institute of Electrical and Electronics Engineers (IEEE) and IEEE Computer Society.
2. Founding member of the World-wide Institute of Software Architects (<http://www.wvisa.org/>). Chapter president of the WWISA Athens Chapter (2003-2005).
3. European Research Consortium for Informatics and Mathematics – ERCIM (<http://www.ercim.org/>).
4. ERCIM Working Group on SERENE: Software Engineering for RESilieNt systEms (formerly Rapid Integration of Software Engineering techniques) (<http://rise.uni.lu/>).
5. 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.
6. Technical Chamber of Greece (<http://www.tee.gr/>).

11 Organization of Scientific Events

1. M. Galster, P. Avgeriou, D. Weyns, T. Männistö, Special Issue of the Journal of Systems and Software on Variability in Software Architecture, 2013. Co-editor.
2. Program chair of the 4th International Workshop on Software Engineering for Resilient Systems (SERENE), September 24-27, 2012, Pisa, Italy.
3. M. Galster, P. Avgeriou, D. Weyns, M. Becker, 2nd 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. Co-organizer.
4. 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. Co-organizer.
5. Program chair of the 16th European Pattern Languages of Programming (EuroPLoP) 2011, July 13-17, 2011, Irsee, Germany.
6. Tool Demonstrations chair of the 9th Working IEEE/IFIP Conference on Software Architecture (WICSA), 20-24 June 2011 Boulder, Colorado, USA.
7. 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. Co-organizer.
8. P. Lago, P. Avgeriou, P. Kruchten, Sixth Workshop on SHARing and Reusing architectural Knowledge (SHARK 2011) hosted at the 33rd Int. Conf. on Software Engineering (ICSE 2011), Waikiki, Honolulu, Hawaii, May 21-28, 2011. Co-organizer.
9. P. Avgeriou, Groningen Workshop on Software Architecture, 18th April 2011, Groningen, the Netherlands.

10. 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.
11. P. Lago, P. Avgeriou, R. Hilliard, Special Issue of IEEE Software on “Software Architecture: Framing Stakeholders' Concerns”, November/December 2010. Co-editor.
12. 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.
13. 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.
14. 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. Co-organizer.
15. 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. Co-editor.
16. Conference chair of the 15th European Pattern Languages of Programming (EuroPLoP) 2010, July 7-11, 2010, Irsee, Germany.
17. 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. Co-organizer.
18. P. Lago, P. Avgeriou, R. Hilliard, BoF session on Architecture Viewpoints and Frameworks, collocated with the 8th Working IEEE/IFIP Conference on Software Architecture (WICSA) and the 3rd European Conference on Software Architecture (ECSA), 14 September 2009, Cambridge, UK. Co-organizer.
19. M. A. Babar, P. Lago, P. Avgeriou, The 2nd Workshop on Empirical Assessment in Software Architecture (EASA 09), collocated with the 8th Working IEEE/IFIP Conference on Software Architecture (WICSA) and the 3rd European Conference on Software Architecture (ECSA), 14 September 2009, Cambridge, UK. Co-organizer.
20. 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. Co-organizer.
21. 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. Co-organizer.
22. 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. Co-organizer.

23. P. Lago, P. Avgeriou, Working Group on Software Architecture, Platform Product Software (<http://www.productsoftware.nl/>). The Working Group is currently being extended to include companies from the north of the Netherlands, which will be meeting in Groningen.
24. P. Avgeriou and J. Bosch, Groningen Workshop on Software Architecture, 19th September 2008, Groningen, the Netherlands.
25. 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. Co-organizer.
26. 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. Co-organizer.
27. P. Avgeriou and J. Bosch, Groningen Workshop on Software Variability and Product Lines, 9th May 2008, Groningen, the Netherlands.
28. M. A. Babar, P. Lago, P. Avgeriou, Workshop on Empirical Assessment in Software Architecture (EASA 08), collocated with the Working IEEE/IFIP Conference on Software Architecture, 18 February 2008, Vancouver, Canada. Co-organizer.
29. 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. Co-organizer.
30. P. Avgeriou, U., Zdun, N. Harrison, Focus Group “Capturing Architectural Knowledge with Architectural Patterns”, at the European Pattern Languages of Programming (EuroPLOP) 5th–9th July 2006, Irsee, Germany. Co-organizer.
31. P. Avgeriou, U., Zdun, Isabelle Borne, 2nd Workshop on “Architecture-Centric Evolution”, at the 20th European Conference on Object Oriented Programming (ECOOP 2006), July 3-7 2006, Nantes, France. Co-organizer.
32. 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. Co-organizer.
33. P. Avgeriou, U., Zdun, Workshop on “Architecture-Centric Evolution”, at the 19th European Conference on Object Oriented Programming (ECOOP 2005), Glasgow, Scotland, 25-29 July 2005. Co-organizer.
34. P. Avgeriou, U., Zdun, Focus Group “Architectural Patterns in Practice”, at the European Pattern Languages of Programming (EuroPLOP) 6th–10th July 2005, Irsee, Germany. Co-organizer.
35. N. Medvidovic, P. Avgeriou, N. Guelfi, Workshop on “Software Architecture Description & UML” at the Seventh International Conference on UML Modeling Languages and Applications (UML 2004), October 11-15, 2004, Lisbon, Portugal. Co-organizer.

36. 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. Track co-chair.
37. Special Interest Group on “Design Patterns for Learning Resources and Learning Management Systems”, University of Maastricht, the Netherlands, 1/10/2002 – 01/10/2004. Moderator.
38. “Usability of web-based learning resources” workshop, University of Athens, March 3rd 2001. Organizing committee.
39. IEEE Learning Technologies Standardisation Committee meeting, Athens, 4-8 Dec. 2000. Organizing committee.

12 Program and Steering committees

1. Program Committee of the First South African Workshop on Software Architecture (at SAICSIT'2012), Irene Country Lodge, South Africa, October 1st 2012.
2. Program Committee of the 6th Brazilian Symposium on Software Components, Architectures and Reuse (SBCARS 2012), Natal, Brazil, September 23-28 2012.
3. 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.
4. 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.
5. 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, Panama City, Panama.
6. Program Committee of the 17th IEEE International Conference on Engineering of Complex Computer Systems (ICECCS), Paris, France, July 18 - 20, 2012.
7. Program Committee of the European Pattern Languages of Programming (EuroPLOP), Irsee Monastery, Bavaria, Germany, 11-15 July 2012.
8. Steering Committee of the European Pattern Languages of Programming (EuroPLOP), Irsee Monastery, Bavaria, Germany, 2011-present.
9. Steering Committee of the 21st IEEE International Conference on Collaboration Technologies and Infrastructure (WETICE), Toulouse, France, June 25-27, 2012.
10. Program Committee of the 24th International Conference on Advanced Information Systems Engineering (CAiSE'12), Gdansk, Poland, June 25-29th, 2012.

11. Program Committee of the 6th International Conference on Research Challenges in Information Science (RCIS), Valencia, Spain, May 16th-18th, 2012.
12. Program Committee of the 9th IEEE Workshop on Model-Based Development for Computer-Based Systems (ECBS-MBD2012), Novi Sad, Serbia, April 11-13, 2012.
13. Program Committee of the 5th Brazilian Symposium on Software Components, Architectures and Reuse (SBCARS), Sao Paulo, Brazil, Sep. 26-30 2011.
14. Program Committee of the 3rd International Workshop on Software Engineering for Resilient Systems (SERENE), September 29-30, 2011, Geneva, Switzerland.
15. Program Committee of the 5th European Conference on Software Architecture (ECSA 2011) 13-16 September 2011, Essen, Germany.
16. 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.
17. 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.
18. Program Committee of the 16th European Pattern Languages of Programming (EuroPLoP) 2011, July 13-17, 2011, Irsee, Germany.
19. 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.
20. Steering Committee of the 20th IEEE International Conference on Collaboration Technologies and Infrastructure (WETICE), TELECOM SudParis, Paris, France, June 27-29, 2011.
21. Program Committee of the 23rd International Conference on Advanced Information Systems Engineering (CAiSE), London, UK, June 20-24th, 2011.
22. Program Committee of the 9th Working IEEE/IFIP Conference on Software Architecture (WICSA), 20-24 June 2011 Boulder, Colorado, USA.
23. Program Committee of the International Conference on Software Reuse 2011 (ICSR'11), June 13-17, 2011, Pohang, South Korea.
24. Program Committee of the Fifth IEEE International Conference on Research Challenges in Information Science (RCIS 2011), May 19-21, 2011, Gosier, Guadeloupe, France.
25. 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.
26. Program Committee of the Doctoral Symposium in the 4th European Conference on Software Architecture (ECSA), August 23 – 26, 2010, Copenhagen, Denmark.

27. Program Committee of the 4th European Conference on Software Architecture (ECSA), August 23 – 26, 2010, Copenhagen, Denmark.
28. 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.
29. Program Committee of the 15th European Pattern Languages of Programming (EuroPLoP) 2010, July 7-11, 2010, Irsee, Germany.
30. Steering Committee of the 19th International Workshops on Enabling Technologies: Infrastructures for Collaborative Enterprises (WETICE 2010), 28 - 30 June 2010, Larissa, Greece.
31. 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.
32. 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.
33. Program Committee of the 33rd Annual IEEE International Computer Software and Applications Conference (COMPSAC 2009), Seattle, Washington, July 20 - July 24, 2009.
34. Program Committee of the workshop on KNOWledge engINeering in Global software development (KNOWING), co-located with the 4th IEEE International Conference on Global Software Engineering, 13 July 2009, Limerick, Ireland.
35. 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.
36. Steering Committee of the 18th IEEE International Workshops on Enabling Technologies: Infrastructures for Collaborative Enterprises (WETICE), June 29 - July 1, 2009, Groningen, The Netherlands.
37. 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.
38. 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.
39. 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.
40. 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.

41. 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).
42. Coach of authors of patterns ('shepherd') for the 11th European Pattern Languages of Programming (EuroPLOP), July 9-13, 2008, Irsee, Germany.
43. Program Committee of the Third Asia-Pacific Workshop on Software Architectures and Component Technologies (SACT 2008), Beijing, May 2008.
44. Program committee of the 3rd International Workshop on Rapid Integration of Software Engineering techniques (RISE), November 26-27, 2007, Luxembourg.
45. Program Committee of the Second IEEE Asia-Pacific Workshop on Software Architectures and Component Technologies (SACT 2007), Beijing, July 24-27, 2007.
46. Program committee of the 12th European Pattern Languages of Programming (EuroPLOP) 4th–8th July 2007, Irsee, Germany.
47. Program committee of the 3rd International Workshop on Rapid Integration of Software Engineering techniques (RISE), 13-15 September, 2006, University of Geneva, Switzerland.
48. Program committee of e-Society 2006, Dublin, Ireland, 13–16 July 2006.
49. Coach of authors of patterns ('shepherd') for the 11th European Pattern Languages of Programming (EuroPLOP) 5th–9th July 2006, Irsee, Germany.
50. Program committee of the RISE 2005 International Workshop on “Rapid Integration of Software Engineering techniques”, September 8-9, 2005, Heraklion, Crete, Greece.
51. 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.
52. Program committee of the “Sixth International Conference on Computer Based Learning in Science” (CBLIS '03), Nicosia, Cyprus, 5-10 July, 2003.
53. Program committee of the “International Conference on Network Universities and E-learning” Valencia, Spain, 8-9 May, 2003.

13 Editorial board membership and scientific reviews

1. Member of the editorial board of LNCS Transactions on Pattern Languages of Programming, Springer.
2. Reviewer for the following journals:
 - a. IEEE Software (IEEE).
 - b. Transactions on Software Engineering and Methodology – TOSEM (ACM)

- c. Transactions on Software Engineering – TSE (IEEE)
- d. Journal of Systems and Software – JSS (Elsevier), normal and special issues.
- e. Computers in Industry (Elsevier)
- f. Information and Software Technology - IST (Elsevier)
- g. Software: Practice and Experience – SP&E (Elsevier)
- h. Transactions on Pattern Languages of Programming – TPLoP (Springer)
- i. Empirical Software Engineering (Springer)
- j. Engineering Applications of Artificial Intelligence (Elsevier)
- k. Science of Computer Programming – SCP (Elsevier)
- l. Expert Systems (Wiley)
- m. International Journal of Software Engineering and Knowledge Engineering – IJSEKE (World Scientific)
- n. Journal of Universal Computer Science - JUCS

3. Reviewer for the following books:

- a. Several book proposals on the Software Patterns series, John Wiley & Sons Ltd.
- b. Peter Goodyear & Simos Retalis (Eds.), E-learning, Design Patterns, and Pattern Languages, Technology-Enhanced Learning book series, Sense Publishers.
- c. Rogério de Lemos, Felicita Di Giandomenico, Cristina Gacek, Henry Muccini, Marlon Vieira (Eds.), Architecting Dependable Systems 5, Springer LNCS.
- d. Rogério de Lemos, Jean-Charles Fabre, Cristina Gacek, Fabio Gadducci, Maurice ter Beek (Eds.), Architecting Dependable Systems 6, Springer LNCS.
- e. Antonio Casimiro, Rogério de Lemos, Cristina Gacek (Eds.), Architecting Dependable Systems 7, Springer LNCS.

4. Reviewer for the following research projects funding

- a. Program *Investment Subsidy*, Council for Physical Sciences of the Netherlands Organisation for Scientific Research (NWO), 2011.
- b. Research Council K.U.Leuven, 2011.
- c. Research Foundation Flanders (FWO), Informatics and Knowledge Technology (W&T5) 2011.
- d. Basic Research Funding Program of the Athens University of Economics and Business, Greece, 2009.
- e. Council of Physical Sciences of the Netherlands Organization for Scientific Research (NWO) Open Competition 2005.

14 Invitations for lectures, discussion panels, chairing sessions

1. Invited talk “E-government – what is it and how does it work?”, workshop on the future of the internet, Academy Noord, Groningen, 26th April 2012.
2. Invited talk “Architecting - A rational design process and how to support it”, colloquium at Chalmers University of Technology, Gothenburg, Sweden, 14th March 2012.
3. Invited talk “Architecture Viewpoints - Keeping Stakeholders Happy”, workshop on Alignment of Requirements and Software Architecture, University of Twente, 6th October 2011.
4. Working Session chair at WS1b: Stakeholder Concerns and System Qualities, 9th Working IEEE/IFIP Conference on Software Architecture (WICSA), 20-24 June 2011 Boulder, Colorado, USA.
5. Invited lecturer on “Practical Software Architecting” at the INFORTE programme for ICT professionals, April 13-14 2011, Helsinki, Finland.
6. Session chair at the 4th European Conference on Software Architecture (ECSA), August 23 – 26, 2010, Copenhagen, Denmark.
7. Keynote speech on “Architecture knowledge management”, at the SoSE seminar of the Finnish graduate school for Software Engineering, 22-25 March 2010, Saariselkä, Finland.
8. Invited talk “Execution Architecture Viewpoints”, Multi-Actor Systems colloquium, T.U. Delft Leuven, 12th March 2010.
9. Working Session chair at WS5: Architectural Knowledge – Decisions and Rationale, 8th Working IEEE/IFIP Conference on Software Architecture (WICSA) and the 3rd European Conference on Software Architecture (ECSA), 14 September 2009, Cambridge, UK.
10. Invited talk “Execution viewpoints in an industrial context”, Colloquium on Software Architecture, K.U. Leuven, 11th September 2009.
11. Session chair at the 18th IEEE International Workshops on Enabling Technologies: Infrastructures for Collaborative Enterprises (WETICE), June 29 - July 1, 2009, Groningen, The Netherlands.
12. 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.
13. Discussion Panelist on “SOA Pattern Languages”, Dagstuhl seminar 09021 on Software Service Engineering, 4-7 Jan 2009, Dagstuhl, Germany.
14. Invited talk “A Pattern-driven Approach against Architectural Knowledge Vaporization”, Software Engineering Radio, episode 146, (<http://www.se-radio.net/>), July 2009.
15. Invited talk “On Architecture Knowledge and Patterns”, Philips Healthcare, Darwin project, December 2008, Best, the Netherlands.
16. Session chair at the RISE/EFTS Joint International Workshop on Software Engineering for REsilieNt systems (SERENE 2008), November 17-19, 2008, Newcastle upon Tyne (UK).
17. Invited talk “Architectural traceability”, ASML, June 2008, Veldhoven, the Netherlands.

18. Invited talk “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.
19. Invited seminar on “Sharing and reusing architecture knowledge”, Graduate School TrustSoft, University of Oldenburg, 23th October 2007, Oldenburg, Germany.
20. Invited talk “Architecting industrial software-intensive systems”, Neopost Technologies, 11th September 2007, Drachten, the Netherlands.
21. Invited talk “Tool Support for Architecture Knowledge”, Track for the Jacquard Programme, Landelijk Architectuur Congres, 22 November 2006, Utrecht, the Netherlands.
22. Invited talk “Architecture-driven evolution”, ERCIM Working Group on Rapid Integration of Software Engineering, VTT, May 30th 2005, Helsinki, Finland.
23. Invited talk “Architectural Patterns for Collaborative Applications”, Fraunhofer IPSI colloquium, 25th May 2005, Darmstadt, Germany.
24. Invited talk “Modeling Architectural Patterns”, Computing Science dept. of the Open University, 21 March 2005, Milton Keynes, UK.
25. Invited talk “Documenting and Instantiating Architectures of Software systems”, University of Luxembourg, 18th July 2004, Luxembourg.
26. Invited talk “Resolving architectural mismatches of COTS through architectural reconciliation”, Centre de Recherche Public Henri Tudor, June 2004, Luxembourg.
27. Session chair at the *International Conference on Network Universities and E-learning* Valencia, Spain, 8-9 May, 2003.

15 Academic Services

Feb. 2009 – Present	Management Team Computing Science, University of Groningen.
Nov. 2006 – Present	Chair of the Software Engineering and Architecture Research group
Nov. 2006 – Present	Member of the <i>Daily Exam Committee</i> (Dagelijkse Examencommissie), Department of Mathematics and Computing Science, University of Groningen.
Dec. 2006 – Present	Member of the <i>Curriculum Committee</i> , Department of Mathematics and Computing Science, University of Groningen.
Sep. 2007 - Present	Public relations (voorlichting) liaison with the Hanze Hogeschool
Sep. 2005 – Dec. 2006	Member of the <i>Computer Policy Committee</i> (Computerbeleidscommissie), Department of Mathematics and Computing Science, University of Groningen.

16 Languages

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	Average.

17 List of Publications

17.1 Books

1. **P. Avgeriou**, J. Grundy, J.G. Hall, P. Lago, I. Mistrík, *Relating Software Requirements and Architectures*, Springer-Verlag, ISBN 978-3-642-21000-6, 1st Edition, 430 p., August 2011. <http://dx.doi.org/10.1007/978-3-642-21001-3>.

17.2 Journals

1. N. Harrison, **P. Avgeriou**, Using Pattern-Based Architecture Reviews to Detect Quality Attribute Issues – an Exploratory Study, (accepted in) *Transactions on Pattern Languages of Programming*, Springer.
2. A.W. Kamal, **P. Avgeriou**, U. Zdun, The Use of Pattern Participants Relationships for Integrating Patterns: A Controlled Experiment, *Software: Practice and Experience*, DOI: 10.1002/spe.1121, Wiley.
3. T. Callo, P. America, **P. Avgeriou**, A Top-Down Approach to Construct Execution Views of a Large Software-Intensive System, *Journal of Software Maintenance and Evolution: Research and Practice*, DOI: 10.1002/smr.577, Wiley.
4. U. van Heesch, **P. Avgeriou**, U. Zdun, N. Harrison, The supportive effect of patterns in architecture decision recovery - A controlled experiment, *Science of Computer Programming*, Elsevier, Volume 77, Issue 5, May 2012, Pages 551–576.
5. U. van Heesch, **P. Avgeriou**, R. Hilliard, A documentation framework for architecture decisions, *Journal of Systems and Software*, Volume 85, Issue 4, April 2012, Pages 795-820, Elsevier.
6. N. Harrison and **P. Avgeriou**, Pattern-Based Architecture Reviews, *IEEE Software*, Volume: 28, Issue: 6, Pages: 66 – 71, 2001, IEEE Computer Society Press.
7. 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. **(Most Downloaded Information and Software Technology Articles, January 2012)**
8. T. Callo, P. van der Spek, **P. Avgeriou**, A practice-driven systematic review of dependency analysis solutions, *Empirical Software Engineering*, Volume 16, Number 5, 2011, Pages 544-586, Springer.
9. T. Callo, **P. Avgeriou**, P. America, K. Blom, S. Bachynskyy, A Top-down Strategy to Reverse Architecting Execution Views for a Large and Complex Software-Intensive System: An Experience Report, *Science of Computer Programming*, Volume 76, Issue 12, 1 December 2011, Pages 1098-1112, Elsevier.
10. T. Callo, **P. America**, P. Avgeriou, Defining and Documenting Execution Viewpoints for a Large and Complex Software-Intensive System, *Journal of Systems and Software*, Volume 84, Issue 9, September 2011, Pages 1447-1461, Elsevier.

11. P. Liang, A. Jansen, **P. Avgeriou**, A. Tang, L. Xu, Advanced quality prediction model for software architectural knowledge sharing, *Journal of Systems and Software*, Volume 84, Issue 5, May 2011, Pages 786-802.
12. P. Lago, **P. Avgeriou**, R. Hilliard, Rich, Software Architecture: Framing Stakeholders' Concerns, *IEEE Software*, Volume: 27 , Issue: 6, 2010, Pages: 20 – 24.
13. N. Harrison, **P. Avgeriou**, How do Architecture Patterns and Tactics Interact? A Model and Annotation, *Journal of Systems and Software*, Elsevier, Volume 83, Issue 10, October 2010, Pages 1735-1758.
14. A. Tang, **P. Avgeriou**, A. Jansen, R. Capilla, M. Ali Babar, A Comparative Study of Architecture Knowledge Management Tools, *Journal of Systems and Software*, Volume 83, 2010, pages 352-370, Elsevier.
15. A. Jansen, **P. Avgeriou** and J. van der Ven, Enriching Software Architecture Documentation. *Journal of Systems and Software*, Volume 82, Issue 8, August 2009, Pages 1232-1248, Elsevier.
16. P. Liang, A. Jansen, and **P. Avgeriou**, Sharing architecture knowledge through models: quality and cost, *Knowledge Engineering Review*, Volume 24, Issue 03, pp. 225-244, September 2009, Cambridge University Press.
17. 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.
18. U. Zdun, **P. Avgeriou**, A Catalog of Architectural Primitives for Modeling Architectural Patterns, *Information and Software Technology*, Volume 50, Issues 9-10, August 2008, Pages 1003-1034, Elsevier.
19. A. Jansen, J. Bosch, and **P. Avgeriou**, Documenting after the fact: Recovering architectural design decisions, *Journal of Systems and Software*, Elsevier, Volume 81, Issue 4, pp.536-557, 2008.
20. Harrison, N, **Avgeriou, P.**, and Zdun, U. Architecture Patterns as Mechanisms for Capturing Architectural Decisions, *IEEE Software*, July-August 2007, IEEE Computer Society Press.
21. **P. Avgeriou** and P. Tandler, Architectural Patterns for Collaborative Applications, *International Journal of Computer Applications in Technology*, Inderscience, Vol. 25, Nos. 2/3, pp.86–101, 2006.
22. **P. Avgeriou**, S. Retalis, E. Skordalakis, CRITON: A Hypermedia Design Tool, *Multimedia Tools and Applications*, Kluwer Academic Publishers, Volume 27, Issue 1, pp. 5-21, 2005.
23. S. Retalis, A. Papasalouros, **P. Avgeriou**, Kostas Siassiakos, e-Learning Resource Brokers, *Journal Of Information Technology Impact*, VOLUME 4, Issue 1, ISSN 1098-139X, 2004.
24. **P. Avgeriou**, D. Vogiatzis, A. Tzanavari, S. Retalis, Towards a pattern language for adaptive web-based educational systems, *Advanced Technology for Learning*, Vol. 1, Issue 4, ACTA Press, 2004.
25. D. Synodinos, **P. Avgeriou**, Hypermedia Design for the Mobile Era, *The International Journal of Mobile Communications*, Vol. 2, No. 3, pp.271-284, Inderscience, 2004.
26. **P. Avgeriou**, S. Retalis, N. Papaspyrou, Modeling learning technology systems as business systems, *Software and Systems Modeling*, Volume 2, No. 2, pp 120-133, Springer, July 2003.

27. **P. Avgeriou**, Describing, Instantiating and Evaluating a Reference Architecture: A Case Study, *Enterprise Architect Journal*, Fawcette Technical Publications, <http://www.ftponline.com/ea/>, June 2003.
28. D. Synodinos, **P. Avgeriou**, Engineering Hypermedia for Multi-channel Access, with the use of XML, *Computer Systems Science and Engineering*, Vol. 18, No. 5, September 2003, CRL Publishing Ltd., UK, 2003.
29. **P. Avgeriou**, A. Papasalouros, S. Retalis, Manolis Skordalakis, Towards a Pattern Language for Learning Management Systems, *Educational Technology & Society*, Volume 6, Issue 2, pp. 11-24, IEEE IFETS, 2003.
30. S. Retalis and **P. Avgeriou**, Modelling Web-based Instructional Systems, *Journal of Information Technology Education*, Informing Science Institute, Volume 1, No. 1, pp. 25-41, 2002.
31. S. Retalis, Y. Psaromiligkos, **P. Avgeriou**, Web Engineering: New Discipline, New Educational Challenges, *Journal of Information Services and Use*, Vol. 20, Num 2,3 pp. 95-108, IOS Press, 2000.

17.3 International Conferences

1. M. Galster, D. Tofan, **P. Avgeriou**, On Integrating Student Empirical Software Engineering Studies with Research and Teaching Goals, in proceedings of the 16th International Conference on Evaluation & Assessment in Software Engineering (EASE 2012), Ciudad Real, Spain, 14th-15th May, 2012.
2. K. Stol, M. Ali Babar, **P. Avgeriou**, The Importance of Architectural Knowledge in Integrating Open Source Software, in proceedings of the 7th International Conference on Open Source Systems (OSS), 6-7 October 2011 in Salvador, Brazil, Springer.
3. R. Capilla, O. Zimmermann, U. Zdun and **P. Avgeriou**, An Enhanced Architectural Knowledge Metamodel Linking Architectural Design Decisions to Other Artifacts in the Software Engineering Lifecycle, in proceedings of the 5th European Conference on Software Architecture (ECSA 2011), Essen, Germany, 13-16 September 2011, Springer LNCS.
4. K. Stol, **P. Avgeriou**, M. Ali Babar, Design and Evaluation of a Process for Identifying Architecture Patterns in Open Source Software, in proceedings of the 5th European Conference on Software Architecture (ECSA 2011), Essen, Germany, 13-16 September 2011, Springer LNCS.
5. D. Tofan, M. Galster, **P. Avgeriou**, Reducing Architectural Knowledge Vaporization by Applying the Repertory Grid Technique, in proceedings of the 5th European Conference on Software Architecture (ECSA 2011), Essen, Germany, 13-16 September 2011, Springer LNCS.
6. S. Mahdavi-Hezavehi, U. van Heesch, **P. Avgeriou**, A Pattern Language for Architecture Patterns and Software Technologies - Introducing Technology Pattern Languages, in proceedings of the 16th European Pattern Languages of Programming (EuroPLoP) 2011, July 13-17, 2011, Irsee, Germany.
7. M. Galster, **P. Avgeriou**, Empirically-grounded Reference Architectures: A Proposal, in proceedings of the Seventh International ACM Sigsoft Conference on the Quality of Software Architectures QoSA 2011. Boulder, Colorado, USA, June 20-24, 2011.

8. 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. **Nominated for best paper award.**
9. M. Galster, **P. Avgeriou**, Handling Variability in Software Architecture: Problems and Implications, 9th Working IEEE/IFIP Conference on Software Architecture (WICSA), 20-24 June 2011 Boulder, Colorado, USA.
10. D. Tofan, M. Galster, **P. Avgeriou**, Capturing Tacit Architectural Knowledge Using the Repertory Grid Technique, in proceedings, of the 33rd Int. Conf. on Software Engineering (ICSE 2011), NIER Track, Waikiki, Honolulu, Hawaii, May 21-28, 2011. IEEE Computer Society.
11. D. Tofan, M. Galster, **P. Avgeriou**, D. Weyns, Software Engineering Researchers' Attitudes on Case Studies and Experiments: an Exploratory Survey, 15th International Conference on Evaluation and Assessment in Software Engineering (EASE), April 11-12 2011, Durham, UK.
12. M. Galster, **P. Avgeriou**, The Notion of Variability in Software Architecture – Results from a Preliminary Exploratory Study, Fifth International Workshop on Variability Modelling of Software-intensive Systems (VaMoS 2011). January 27th-29th, 2011 — Namur, Belgium. ACM.
13. P. Liang, **P. Avgeriou**, and K. He, Rationale Management Challenges in Requirements Engineering. In Proceedings of the 3rd International Workshop on Managing Requirements Knowledge (MaRK). IEEE Computer Society, pages 16–21, 2010.
14. P. Lago, **P. Avgeriou**, and P. Kruchten. Organizing a software architecture body of knowledge, at SHARK workshop, ICSE 2010. SIGSOFT Softw. Eng. Notes vol. 35, issue 5, pp 37-40.
15. U. van Heesch, **P. Avgeriou**, Naive architecting - Understanding the Reasoning Process of Students - A Descriptive Survey, proceedings of the 4th European Conference on Software Architecture (ECSA), August 23 – 26, 2010, Copenhagen, Denmark, Lecture Notes in Computer Science, Springer.
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