

# Dr Nicholas Matragkas, FHEA

October 1, 2017

## Curriculum Vitæ

### 1 Personal Details

**Work Address:** University of Hull,  
Cottingham Road,  
HU6 7RX, Hull, UK

**Email:** [n.matragkas@hull.ac.uk](mailto:n.matragkas@hull.ac.uk)  
**Homepage:** <http://nmatra.github.io/>  
**Google Scholar:** <http://goo.gl/g3jf5m>

In 2010 my surname changed from Drivalos to Matragkas. Throughout this CV both names are used.

### 2 Employment History

**Jul 2015 - present:** Lecturer (Assistant Professor)

- Department of Computer Science, University of Hull
- I research and teach software engineering. I am a member of the Dependable Intelligent Systems research group.

**Oct 2012 - May 2015:** Senior Research Associate

- Department of Computer Science, University of York
- FP7 OSSMETER project.
- I worked on software analytics, automated analysis, and measurement of open-source software.

**Apr 2010 - Sep 2012:** Research Associate

- Department of Computer Science, University of York
- FP7 MADES project.
- I worked on model-driven development of critical embedded systems.

### 3 Academic Qualifications

**Jan 2016 - Jul 2017:** Postgraduate Certificate in Academic Practice (PCAP)

- Centre for Educational Studies, University of Hull

**Oct 2006 - Jun 2011:** PhD in Computer Science

- Enterprise Systems Research Group, Department of Computer Science, University of York
- Thesis title: *Establishing and Maintaining Semantically Rich Traceability: A Metamodelling Approach*.
- Funded by the Engineering and Physical Sciences Research Council (EPSRC)
- Supervised by Richard Paige and Kiran Fernandes

**Oct 2005 - Sep 2006:** MSc in Information Processing (with Distinction)

- Department of Computer Science, University of York
- MSc Thesis title: *Documenting Open-Source Projects - The Eclipse Epsilon Case*.

- Supervised by Richard Paige

**Oct 2003 - Sep 2004: MSc in Economics and Finance**

- Department of Economics and Related Studies, University of York
- MSc Thesis title: *Environmental Kuznets Curve and Dynamic Panel Data Analysis*.
- Supervised by Maria Reyes

**Oct 1999 - Jun 2003: BA (Distinction) in Economics (First Class, GPA: 3.92/4)**

- Department of Economics, American College of Greece

## 4 Teaching

### Modules Taught

**2016-2017/2017-2018: Systems Analysis, Design, and Process**

- *Department of Computer Science, University of Hull*
- Second year module, 20 credits. Contact time: 55 hours. Attendance:  $\approx 250$ .
- I was the module co-ordinator. I was responsible for the management of the module, its design, the development and delivery of the teaching material, the assessment and the feedback to students.

**2015-2016/2016-2017: Computer Science in Context Group Project**

- *Department of Computer Science, University of Hull*
- Pre-certificate module, 20 credits. Contact time: 24 hours. Attendance:  $\approx 45$ .
- I was responsible for the design of the module, the development and delivery of the teaching material, the assessment and the feedback to students.

**2015-2016: Programming 2 in C# (Tutorials)**

- *Department of Computer Science, University of Hull*
- First year module, 20 credits. Contact time: 57 hours. Attendance: 40.
- I taught the tutorial sessions, and graded the final assessments.

**2010-2011/2011-2012: Management for Business Enterprise Systems (MBES)**

- *Department of Computer Science, University of York*
- First year module, 20 credits. Contact time: 55 hours. Attendance: 10.
- I was responsible for the management of the module, its design, the development and delivery of the teaching material, the assessment and the feedback to students.

**2009-2010: Business Management for Enterprise Systems (BCM)**

- *Department of Computer Science, University of York*
- First year module, 20 credits. Contact time: 27 hours. Attendance: 10.
- I was the module co-ordinator. I was responsible for the management of the module, its design, the development and delivery of the teaching material, the assessment and the feedback to students.

**2008-2009: Operating Systems**

- *Department of Computer Science, University of York*
- Lab assistant
- Masters Level module, 10 credits. Contact time: 50 hours. Attendance: 20.

## 5 Academic Activities

### Supervision of PhD Students

- **Athanasios Zolotas** (Jan 2014 - Jun 2017),  
Eng.D., Department of Computer Science, University of York.  
Thesis title: *Type Inference in Flexible Model-Driven Engineering*.  
Co-supervised with Richard Paige.
- **Masoumeh Tatomirad** (Oct 2011 - Nov 2014),  
PhD in Computer Science, Department of Computer Science, University of York.  
Thesis title: *A Modelling Approach to Multi-Domain Traceability*.  
Co-supervised with Richard Paige.

### Membership in PhD evaluation committees

- **Ioannis Sorokos**, Internal Examiner, Defense: University of Hull, 6 September 2017.
- Thesis title: Generation of Model-Based Safety Arguments from Automatically Allocated Safety Integrity Levels

### Supervision of MSc students and Internships

- **Simeon Petkov** (May 2014 - Sep 2014),  
MSc in Information Technology, Department of Computer Science, University of York.
- **Sarah Hate** (Jun 2009 - Sep 2009),  
EPSRC Internship, The York Management School, University of York.  
Co-supervised with Kiran Fernandes.

### Supervision of undergraduate students

I have proposed and supervised more than 20 undergraduate projects.

## 6 Research

### Research Interests

Model-Driven Engineering, Model-Based Systems Engineering, Domain-Specific Languages, Software Analytics, Software Quality, Critical Systems

### List of Publications

#### Articles in refereed conference and workshop proceedings

1. A. Retouniotis, Y. Papadopoulos, I. Sorokos, D. Parker, N. Matragkas, S. Sharvia. Model-Connected Safety Cases, In Proc. 5th International Symposium on Model-Based Safety and Assessment (IMBSA 2017), Trento, Italy, 2017
2. D. Di Ruscio, D. Kolovos, Y. Korkontzelos, N. Matragkas, J. Vinju. Supporting Custom Quality Models to Analyse and Compare Open-Source Software, In Proc. 10th International Conference on the Quality of Information and Communications Technology (QUATIC 2016), Lisbon, Portugal, 2016
3. G. Despotou, N. Matragkas, T. Arvanitis. Converting Text to Structured Models of Healthcare Services, In Proc. 14th International Conference on Informatics, Management and Technology in Healthcare (ICIMTH 2016), Athens, Greece, 2016

4. D. Kolovos, N. Matragkas, A. Garcia-Dominguez. Towards Flexible Parsing of Structured Textual Model Representations, In Proc. Flexible Model-Driven Engineering Proceedings (FlexMDE 2016), ACM/IEEE 19th International Conference on Model-Driven Engineering Languages and Systems, Saint Malo, France, 2016
5. D. Di Ruscio, D. Kolovos, I. Korkontzelos, N. Matragkas, J. Vinju. OSSMETER: a Software Measurement Platform for Automatically Analysing Open-Source Software Projects, In Proc. 10th Joint Meeting of the European Software Engineering Conference and the ACM SIGSOFT Symposium on the Foundations of Software Engineering (ESEC FSE 2015), Tool Demonstrations Track, Bergamo, Italy, 2015
6. D. Kolovos, N. Matragkas, I. Korkontzelos, S. Ananiadou, R. Paige. Assessing the Use of Eclipse MDE Technologies in Open-Source Software Projects, In Proc. 2nd Workshop on Open Source Software for Model-Driven Engineering (OSS4MDE 2015), ACM/IEEE 18th International Conference on Model-Driven Engineering Languages and Systems, Ottawa, Canada, 2015
7. E. Willink, N. Matragkas. QVT Traceability: What does it really mean?, In Proc. Analysis of Model Transformations Workshop (AMT 2015), ACM/IEEE 18th International Conference on Model-Driven Engineering Languages and Systems, Ottawa, Canada, 2015
8. A. Zolotas, N. Matragkas, S. Delvin, D. Kolovos, R. Paige. Type Inference Using Concrete Syntax Properties in Flexible Model-Driven Engineering, In Proc. Flexible Model-Driven Engineering Proceedings (FlexMDE 2015), ACM/IEEE 18th International Conference on Model-Driven Engineering Languages and Systems, Ottawa, Canada, 2015
9. A. Zolotas, N. Matragkas, D. Kolovos, R. Paige. Flexible Modelling for Requirements Engineering, In Proc. Flexible Model-Driven Engineering Proceedings (FlexMDE 2015), ACM/IEEE 18th International Conference on Model-Driven Engineering Languages and Systems, Ottawa, Canada, 2015
10. A. Zolotas, D. Kolovos, N. Matragkas, R. Paige. Type Inference in Flexible Model-Driven Engineering, In Proc. Modelling Foundations and Applications: 11th European Conference, ECMFA 2015, Held as Part of STAF 2015, L'Aquila, Italy, 2015
11. B. Almeida, S. Ananiadou, A. Bagnato, A. B. Barbero, J. Di Rocco, D. Di Ruscio, D. Kolovos, I. Korkontzelos, S. Hansen, P. Malo, N. Matragkas, R. Paige, J. Vinju. OSSMETER: Automated Measurement and Analysis of Open Source Software, Projects Showcase@STAF'15, 2015
12. J. Williams, D. Di Ruscio, N. Matragkas, D. Kolovos, J. Di Rocco. Models of OSS Project Meta-Information: A Dataset of Three Forges, In Proc. 11th Working Conference on Mining Software Repositories (MSR 2014), pp. 408–411, Hyderabad, India, 2014
13. N. Matragkas, J. Williams, D. Kolovos, R. Paige. Analysing the Biodiversity of Open Source Ecosystems: The Github Case, In Proc. 11th Working Conference on Mining Software Repositories (MSR 2014), pp. 356–359, Hyderabad, India, 2014
14. D. Kolovos, N. Matragkas, J. Williams, R. Paige. Model-Driven Grant Proposal Engineering, In Proc. ACM/IEEE 17th International Conference on Model-Driven Engineering Languages and Systems (MoDELS 2014), pp. 420–432 Valencia, Spain, 2014
15. A. Zolotas, D. Kolovos, N. Matragkas, R. Paige. Assigning Semantics to Graphical Concrete Syntaxes, In Proc. 3rd Extreme Modelling Workshop (MODELS 2014), pp. 12–21, Valencia, Spain, 2014
16. R. Paige, D. Kolovos, N. Matragkas. Spreadsheets are Models Too, In Proc. 1st Workshop on Software Engineering methods in Spreadsheets (SEmS'14), pp. 9–10, Delft, The Netherlands, 2014
17. J. Williams, N. Matragkas, D. Kolovos, I. Korkontzelos, S. Ananiadou, R. Paige. Software Analytics for MDE Communities, In Proc. 1st Open Source Software for Model-Driven Engineering (MODELS 2014), pp. 53–63, Valencia, Spain, 2014.
18. R. Paige, F. Polack, D. Kolovos, L. Rose, N. Matragkas, J. Williams. Bad Modelling Teaching Practices, Educators Symposium (MODELS 2014), pp 1–12, Valencia, Spain, 2014
19. D. Kolovos, N. Matragkas, H. Rodriguez, R. Paige. Programmatic Muddle Management, In Proc. 2nd Extreme Modelling Workshop (MODELS 2013), pp. 2–11, Miami, Florida, USA, 2013
20. J. Williams, A. Zolotas, N. Matragkas, L. Rose, D. Kolovos, R. Paige, F. Polack. What do metamodels really look like?, In Proc 1st International Workshop on Experiences and Empirical Studies in Software Modelling, Miami (MODELS 2013), pp. 1–6, Florida, USA, 2013

21. M. Tatomirad, N. Matragkas, R. Paige. Towards a Multi-Domain Model-Driven Traceability Approach, In Proc. 7th Workshop on Multi-Paradigm Modelling (MODELS 2013), pp. 1–10, Miami, Florida, USA, 2013
22. N. Matragkas, D. Kolovos, R. Paige. A Traceability-Driven Approach to Model Transformation Testing, In Proc. 2nd Workshop on the Analysis of Model Transformations (MODELS 2013), pp. 1–10, Miami, Florida, USA, 2013
23. R. Paige, R. Calinescu, D. Kolovos, N. Matragkas, D. Cliff. Multimodel-Driven Software Engineering for Evolving Enterprise Systems, In Proc. Towards the Model-Driven Organization (MODELS 2013), pp. 1–8, Miami, Florida, USA, 2013
24. M. Francis, D. Kolovos, N. Matragkas, R. Paige. Adding Spreadsheets to the MDE Toolbox. In Proc. ACM/IEEE 16th International Conference on Model-Driven Engineering Languages and Systems (MODELS 2013), pp. 1–17, Miami, Florida, USA, 2013
25. D. Kolovos, L. Rose, N. Matragkas, R. Paige, J. De Lara, E. Guerra, D. Varro, I. Rath, M. Tisi, J. Cuadrado, J. Cabot. A Research Roadmap Towards Achieving Scalability in Model-Driven Engineering. In Proc. 1st International Workshop on BigMDE - Scalable Model-Driven Engineering Workshop, ICMT, pp. 1–10, Budapest, Hungary, 2013
26. R. Paige, D. Kolovos, L. Rose, N. Matragkas and J. Williams. Model Management in the Wild. In Proc. GTTSE, volume 7680 of Lecture Notes in Computer Science, pp. 197–218. Springer, 2012
27. I. Quadri, E. Brosse, I. Gray, N. Matragkas, L. Indrusiak, M. Rossi, A. Bagnato, A. Sadovykh. MADES FP7 EU project: Effective high level SysML/MARTE methodology for real-time and embedded avionics systems. In Proc. 7th International Workshop on Reconfigurable Communication-centric Systems-on-Chip (ReCoSoC), pp. 1–8, Darmstadt, Germany, 2012
28. D. Kolovos, L. Rose, N. Matragkas, J. Williams, R. Paige. A Lightweight Approach for Managing XML Documents with MDE Languages. In Proc. 8th European Conference on Modelling, Foundations and Applications (ECMFA), pp. 118–132, Lyngby, Denmark, 2012
29. A. Radjenovic, N. Matragkas, R. Paige, M. Rossi, A. Motta, L. Baresi, D. Kolovos. MADES: A Tool Chain for Automated Verification of UML Models of Embedded Systems. In Proc. 8th European Conference on Modelling, Foundations and Applications (ECMFA), pp. 340–351, Lyngby, Denmark, 2012
30. L. Rose, N. Matragkas, D. Kolovos, R. Paige. A Feature Model for Model-To-Text Transformation Languages. In Proc. 4th International Workshop on Modelling in Software Engineering (MiSE), pp. 57–63, Zurich, Switzerland, 2012
31. I. Gray, N. Matragkas, N. Audsley, L. Indrusiak, D. Kolovos, R. Paige. Model-based hardware generation and programming - the MADES approach , In Proc. 2nd IEEE International Workshop on Model-Based Engineering for Real-Time Embedded Systems Design (MoBE-RTES), pp. 88–96, Newport Beach, USA, 2011
32. I. Gray, N. Matragkas, N. Audsley, R. Paige, D. Kolovos and L. Indrusiak. Model-based development of embedded systems with MADES. In Proc. 2nd Workshop on Model Based Engineering for Embedded Systems Design, pp. 1–4, Grenoble, France, 2011
33. N. Matragkas, D. Kolovos, R. Paige, K. Fernandes, A state-based approach to traceability maintenance, In Proc. of the 6th ECMFA Traceability Workshop, pp. 1–8, Paris, France, 2010
34. D. Kolovos, L. Rose, N. Drivalos, R. Paige, F. Polack, K. Fernandes. Constructing and Navigating Non-Invasive Model Decorations. In Proc. International Conference on Model Transformation (ICMT) 2010, LNCS, Springer, pp. 138–152, Malaga, Spain, 2010
35. L. Rose, D. Kolovos, N. Drivalos, J. Williams, R. Paige, F. Polack, K. Fernandes. Concordance: An Efficient Framework for Managing Model Integrity. In Proc. 6th European Conference on Modelling Foundations and Applications (ECMFA), pp. 245–260, Paris, France, 2010
36. S. Zschaler, D. Kolovos, N. Drivalos, R. Paige, A. Rashid. Domain-Specific Metamodelling Languages for Software Language Engineering. In Proc. 2nd International Conference on Software Language Engineering, pp. 334–353, Colorado, USA, 2009
37. R. Paige, D. Kolovos, L. Rose, N. Drivalos, F. Polack. The Design of a Conceptual Framework and Technical Infrastructure for Model Management Language Engineering. In Proc. 14th IEEE International Conference on Engineering of Complex Computer Systems, pp. 162–171, Potsdam, Germany, 2009
38. D. Kolovos, N. Drivalos, R. Paige, F. Polack. Seamless Navigation of Heterogeneous EMF Models in Epsilon, Eclipse Modelling Symposium, Eclipse Summit 2008, pp. 1–8, Ludwigsburg, Germany, 2008

39. N. Drivalos, D. Kolovos, R. Paige, K. Fernandes. Engineering a DSL for Software Traceability. In Proc. 1<sup>st</sup> International Conference on Software Languages Engineering, SLE '08, pp. 151–167, Toulouse, France, 2008
40. N. Drivalos, R. Paige, K. Fernandes, D. Kolovos. Towards Rigorously Defined Model-to-Model Traceability, in Proc. 4th Workshop on Traceability, ECMDA'08, pp. 1–10, Berlin, Germany, 2008

### Articles in journals and book chapters

1. A. Zolotas, N. Matragkas, S. Devlin, D. Kolovos, R. Paige. Type Inference in Flexible Model-Driven Engineering using Classification Algorithms, *Journal of Software and Systems Modelling (SoSym)*, Springer, 2017
2. A. Zolotas, R. Clarisó, N. Matragkas, D. Kolovos, R. Paige. Constraint Programming for Type Inference in Flexible Model-Driven Engineering, *Journal of Computer Languages, Systems and Structures (COMLAN)*, Elsevier, 2017
3. R. Paige, N. Matragkas, L. Rose. Evolving models in Model-Driven Engineering: State-of-the-art and future challenges, *Journal of Systems and Software*, Elsevier, 2016
4. L. Baresi, G. Blohm, D. Kolovos, N. Matragkas, A. Motta, R. Paige, A. Radjenovic, M. Rossi. Formal verification and validation of embedded systems: the UML-based MADES approach, *Journal of Software and Systems Modelling*, Springer, 2015
5. N. Audsley, I. Gray, D. Kolovos, N. Matragkas, R. Paige, L. Indrusiak. Automatic Development of Embedded Systems Using Model-Driven Engineering and Compile-Time Virtualisation, In *Embedded and Real Time System Development: A Software Engineering Perspective*, Springer Berlin Heidelberg, pp. 23–53, 2014
6. A. Bagnato, E. Brosse, I. Quadri, A. Sadovykh, L. Indrusiak, R. Paige, M. Rossi, M. Crippa, S. Genolini, S. Hansen, G. Meisel-Blohm, I. Gray, N. Audsley, D. Kolovos, N. Matragkas, L. Baresi. MADES FP7 EU Project: Effective High Level SysML/MARTE Methodology for Real-Time and Embedded Systems, In *Industry and Research Perspectives on Embedded Systems Design*, IGI Global, 2014
7. R. Paige, N. Drivalos, D. Kolovos, C. Power, G. Olsen, S. Zschaler. Rigorous Identification and Encoding of Trace-Links in Model-Driven Engineering, *Journal of Software and Systems Modelling*, Springer, 10(4), pp. 469–487, 2010

### Technical reports

1. N. Matragkas, J. Williams, D. Kolovos, R. Paige. D5.7 - OSSMETER Platform - Final Version. Technical Report, pp. 1–40, Department of Computer Science, University of York, York, UK, 2015
2. N. Matragkas, J. Williams, D. Kolovos, R. Paige. OSSMETER D5.6 - End-User Web Application. Technical Report, pp. 1–28, Department of Computer Science, University of York, York, UK, 2014
3. N. Matragkas, J. Williams, D. Kolovos, R. Paige. OSSMETER D5.5 - REST API. Technical Report, pp. 1–31, Department of Computer Science, University of York, York, UK, 2014
4. N. Matragkas, J. Williams, D. Kolovos, R. Paige. OSSMETER D5.4 - Component Integration Final Report. Technical Report, pp. 1–68, Department of Computer Science, University of York, York, UK, 2014
5. N. Matragkas, J. Williams, D. Kolovos, R. Paige. OSSMETER D5.2 - Project Metadata Repository. Technical Report, pp. 1–26, Department of Computer Science, University of York, York, UK, 2013
6. N. Matragkas, J. Williams, D. Kolovos, R. Paige. OSSMETER D5.1 - Platform Architecture Specification. Technical Report, pp. 1–32, Department of Computer Science, University of York, York, UK, 2013
7. A. Sadovykh, A. Bagnato, E. Brosse, N. Matragkas, N. Nyamtseren, S. Genolini, M. Crippa, A. Bassi. D1.5 MADES Integrated Tool Set - Final Version. Technical Report, pp. 1–61, Softeam, Paris, France, 2012
8. A. Bagnato, A. Sadovykh, E. Brosse, N. Matragkas, M. Rossi, L. Baresi, A. Morzenti, A. Motta, M. Crippa, S. Genolini, N. Audsley, I. Gray, L. S. Indrusiak, D. Kolovos, R. Paige. D1.6 - MADES Final Approach Guide. Technical Report, pp. 1–176, TXT, Milan, Italy, 2012
9. I. Gray, N. Matragkas, A. Radjenovic. D4.4 MADES Model Transformation and Code Generation Tools - Final Version. Technical Report, pp. 1–32, Department of Computer Science, University of York, York, UK, 2012
10. I. Quadri, A. Bagnato, E. Brosse, N. Matragkas, S. Genolini, M. Crippa, M. G. Rossi, R. Paige. D2.5 MADES Modelling Tools - Final Version, Technical Report, pp. 1–61, Softeam, Paris, France, 2012

11. I. Gray, N. Matragkas. D4.3 MADES Model Transformation and Code Generation Tools - Interim Version. Technical Report, pp. 1–43, Department of Computer Science, University of York, York, UK, 2011
12. E. Brosse, A. Bagnato, N. Matragkas, S. Genolini, M. Crippa. D2.4 MADES Modelling Tools - Intermediate Version. Technical Report, pp. 1–46, Softeam, Paris, France, 2011
13. A. Bagnato, A. Sadovykh, E. Brosse, N. Matragkas, M. Rossi, L. Baresi, A. Morzenti, A. Motta, M. Crippa, S. Genolini, N. Audsley, I. Gray, L. S. Indrusiak, D. Kolovos, R. Paige. D1.5 - MADES Intermediate Approach Guide. Technical Report, pp. 1–122, TXT, Milan, Italy, 2011
14. A. Sadovykh, A. Bagnato, E. Brosse, N. Matragkas, N. Nyamtseren, S. Genolini, M. Crippa, A. Bassi. D1.4 MADES Integrated Tool Set - Initial Version. Technical Report, pp. 1–52, Softeam, Paris, France, 2011
15. A. Bagnato, A. Sadovykh, E. Brosse, N. Matragkas, M. Rossi, L. Baresi, A. Morzenti, A. Motta, A. Bassi, M. Crippa, S. Genolini, N. Audsley, I. Gray, L. S. Indrusiak, D. Kolovos, R. Paige, N. Nyamtseren. D1.3 MADES Initial Approach Guide. Technical Report, pp. 1–89, TXT, Milan, Italy, 2011
16. I. Gray, N. Matragkas. D4.2 MADES Model Transformation and Code Generation Tools - Initial Version. Technical Report, pp. 1–28, Department of Computer Science, University of York, UK, 2011
17. A. Sadovykh, A. Bagnato, E. Brosse, N. Matragkas, N. Nyamtseren, S. Genolini, M. Crippa, A. Bassi. D2.3 MADES Modelling Tools - Initial Version. Technical Report, pp. 1–37, Softeam, Paris, France, 2011
18. N. Matragkas, I. Gray, D. Kolovos, R. Paige, N. Audsley, L. S. Indrusiak. MADES D4.1 Model Transformation and Code Generation Tools Specification. Technical Report, pp. 1–30, Department of Computer Science, University of York, UK, 2010
19. A. Bagnato, E. Brosse, N. Matragkas, A. Sadovykh. MADES D2.2 Modelling Tools Architecture. Technical Report, pp. 1–56, Softeam, Paris, France, 2010
20. E. Brosse, N. Matragkas, M. Rossi, A. Sadovykh. MADES D2.1 Modelling Language Specification. Technical Report, pp. 1–39, Softeam, Paris, France, 2010

## 7 Research Funding

I have contributed as co-investigator to the following research grants:

**MONDO** FP7 STREP project (Nov 2013 – May 2016), reference number: 611125.

- Total project cost: €3,732,184; York's funding: €478,304.
- Model-driven development of critical, embedded systems

**OSSMETER** FP7 STREP project (Oct 2012 – Mar 2015), reference number: 318736.

- Total project cost: €3,404,007; York's funding: €414,307.
- Automated measurement and analysis of open-source software.

## 8 Community Service

### Editorial Boards

- IET Software, Associate Editor

### Workshop Organisation

- International Workshop on Scalability in Model-Driven Engineering (Big-MDE), 2013-2017

### PC memberships

- Posters Track at ACM/IEEE 20th International Conference on Model-Driven Engineering Languages and Systems (MODELS), 2017
- 3<sup>rd</sup> International Workshop on Executable Modeling, 2017

- 2<sup>nd</sup> International Workshop on Collaborative Modelling in MDE (COMMitMDE), 2017
- 7<sup>th</sup> International Workshop on Model-Driven Requirements Engineering (MoDRE), 2017
- The Projects Showcase event, STAF, 2016
- 2<sup>nd</sup> International Workshop on Executable Modelling (EXE), 2016
- 1<sup>st</sup> International Workshop on Collaborative Modelling in MDE (COMMitMDE), 2016
- 1<sup>st</sup> Workshop on Software Engineering Methods in Spreadsheets (SEMS), 2014
- 1<sup>st</sup> International Workshop on Model-Based Design with a Focus on Extra-Functional Properties (MBDEFP), 2011
- 1<sup>st</sup> International Workshop on Traceability, Dependencies and Software Architecture (TDSA), 2011
- 1<sup>st</sup> International Workshop on Value-Based Software Traceability (VALSOT), 2011

## Reviewing

- Empirical Software Engineering Journal (EMSE), Software and System Modelling Journal (SOSYM), Journal of Systems and Software (JSS), IEEE Transactions on Emerging Topics in Computing Journal (TETC), Science of Computer Programming Journal (SoCP), Software Testing, Verification and Reliability Journal (STVR), Computer Languages, Systems and Structures Journal (COMLAN), International Conference on Model-Driven Engineering Languages and Systems (MODELS), International Conference on Software Language Engineering (SLE), European Conference on Modelling Foundations and Applications (ECMFA).

## 9 Professional Memberships

- Higher Education Academy (Fellow)
- Association of Computing Machinery (Professional Member)
- British Computer Society (Professional Member)

## 10 References

Available upon request.