

Alessandro Rossini

Researcher and lecturer in software engineering

Oslo, Norway alessandrorossini.org me@alessandrorossini.org

Born 22 Dec 1980, Italian citizen, Norwegian resident, male, single.

I am detail-oriented, organised, and goal-oriented. During recent years, I have conducted extensive research and development in the field of software engineering, with particular emphasis on model-driven engineering and cloud computing.

Currently, I am carrying out research in collaboration with international partners within EU-funded projects. My contribution is the design of techniques and methods for the specification and execution of cross-cloud applications.

My research interests include modelling, multi-level modelling, domain-specific languages, software development processes, software quality, empirical methods, cloud computing, big data, Internet standards, social networks.

Experience

Research Scientist, Department of Networked Systems and Services, SINTEF, Oslo, Norway Nov 2012-Feb 2017
Research on model-driven engineering and cloud computing. Development of **CAMEL**, a domain-specific modelling language along with a models@run-time environment for the specification of provisioning, deployment, monitoring, and adaptation of cross-cloud applications at design-time and their enactment at run-time. Development of mechanisms for failure analysis and failure prevention and recovery of cloud-based applications. Development of **Equelle**, a domain-specific language for the specification of simulators for systems of partial differential equations. Participation in the EU-funded projects **PaaSage**, **Broker@Cloud**, and **ARCADIA**, and the SINTEF-funded project **STWT** (see **Projects** below). Supervision of students in the context of Master thesis and internship (see **Supervision** below).

Part-time Lecturer, Department of Electrical and Electronic Eng., Bergen University College, Norway Jan 2012-Jul 2012
Teaching of the Bachelor course Industrial Software Engineering (see **Teaching** below).

Guest Researcher, Department of Computer Science, Universidad Autónoma de Madrid, Spain Feb 2011-May 2011
Research on multi-level modelling.

Research Fellow, Department of Informatics, University of Bergen, Norway Jan 2008-Jan 2012
75% research on formal aspects of model-driven engineering. Development of **DPF**, a diagrammatic specification framework founded on category theory and graph transformation. 25% teaching in the Bachelor courses Program Development Methodologies and Software Engineering, and in the Master course Software Security (see **Teaching** below).

Software Engineer, Integrator, Bergen, Norway Jun 2007-Dec 2007
Management, analysis, design and system administration of the project AlarmCenter, a real-time system for the management of prison facilities, connecting different subsystems like alarms, pagers, intercoms, telephones, etc. Work based on Unified Process, UML, .NET platform and Citrix XenServer.

Software Engineer, ZeroNotice, L'Aquila, Italy Aug 2005-May 2007
Management, analysis, design, implementation and system administration of the project **ZNF**, an open source framework for building enterprise web applications. Work based on Unified Process, UML, Apache, PHP5, MySQL, XSLT, XHTML, CSS and JavaScript. Management, analysis, design, implementation and system administration of several web applications based on ZNF.

Software Engineer (Intern), IgTechnology (now Indra), Roma, Italy May 2005-Jul 2005
Analysis, design, implementation and system administration of the project *Gestione Servizi Interni* (Internal Services Manager), the enterprise resource planning system of the company. Work based on Unified Process, UML, J2EE platform, Apache Struts framework, Oracle Kodo JPA/JDO, XHTML, CSS and JavaScript.

Part-time Trainer, Training agency Assodonna, Pescara, Italy Oct 2004-Mar 2005
Teaching of the European Computer Driving Licence (ECDL)-like courses Computer Usage, File Management, Word Processing, Spreadsheets and Databases (see **Teaching** below).

Projects

ARCADIA, a framework for the development of highly-distributed applications Jan 2014-Feb 2017
Funded by the European Commission's H2020 Programme.
Leader of the Task on Context Models, Internal Project Manager at SINTEF.

PaaSage, a model-based framework for the specification and execution of cross-cloud applications Nov 2012-Nov 2016
Funded by the European Commission's 7th Framework Programme.
Leader of the Work Package on Languages, Internal Project Manager at SINTEF.

Broker@Cloud, a cloud brokerage framework for continuous quality assurance and optimisation Nov 2012-Feb 2016
Funded by the European Commission's 7th Framework Programme.
Leader of Task on Cloud Service Failure Prevention and Recovery, Internal Project Manager at SINTEF.

STWT , a framework for the specification of simulators for systems of partial differential equations Funded by SINTEF.	Jan 2013-Dec 2014
DPF , a diagrammatic specification framework founded on category theory and graph transformation Funded by the University of Bergen and the Bergen University College.	Jan 2008-Jan 2012
ZNF , an open source framework for the development of enterprise web applications Self-funded.	Aug 2005-May 2007

Management

Group Chair , Instance Model Ad Hoc group of the OASIS TOSCA standard	Oct 2015-Present
Technical Committee Member , OASIS TOSCA standard	Mar 2014-Present
Internal Project Manager and Work Package Leader , EU-funded projects (see Projects above)	Jan 2013-Present
Panel Chair , PhD panel of the Faculty of Mathematics and Natural Sci., University of Bergen, Norway	Mar 2010-Feb 2011
Web Editor , Department of Informatics, University of Bergen, Norway	Aug 2009-Dec 2010
Council Member , Council of the Department of Informatics, University of Bergen, Norway	Aug 2009-Jul 2010
Founding Member , OpenLUG Linux User Group of L'Aquila, Italy	Nov 2001-Oct 2007

Organisation

Organising Committee Member: **FM 2015 Doctoral Symposium**, **CSB 2014**, **NordiCloud 2013**

Program Committee Member: **CF 2016**, **MULTI 2016**, **MMHS 2016**, **PROCON 2016**, **ESOC 2016**, **MULTI 2015**, **MMHS 2015**, **MULTI 2014**, **MMHS 2014**, **CSB 2013**, **SLE 2012**

Reviewer: **CAEE**, **SoSyM**, **Computing**, **NIK 2013**, **MODELS 2013**, **JSME**, **MODELS 2012**, **ECMFA 2012**, **AGTIVE 2011**, **ICMT 2011**

Education

Philosophiae Doctor (Ph.D.), Department of Informatics, University of Bergen, Norway Jan 2008-Dec 2011
Subject of the dissertation: **Diagram Predicate Framework meets Model Versioning and Deep Metamodelling**. Supervisors: **Uwe Wolter** and **Khalid Azim Mughal**. Opponents: **Reiko Heckel** and **Einar Broch Johnsen**.

Master of Science (M.Sc.), Department of Computer Science, Università degli Studi dell'Aquila, Italy Jan 2004-Dec 2006
Final grade 110/110 *cum laude*. Specialised curriculum in software engineering. One-year stay as Erasmus student at the Department of Informatics, University of Bergen, Norway. Subject of the dissertation: Problems of Versioning in Model-Driven Architecture. Supervisor: **Alfonso Pierantonio**.

Postgraduate Diploma, Department of Computer Science, Università degli Studi dell'Aquila, Italy Sep 2004-Jul 2005
Final grade 30/30 *cum laude*. Specialised curriculum in web technology.

Bachelor of Science (B.Sc.), Department of Computer Science, Università degli Studi dell'Aquila, Italy Sep 1999-Dec 2003
Final grade 110/110 *cum laude*. General curriculum in computer science. Subject of the dissertation: Generation of Data-Intensive Web Applications Based on UML. Supervisor: **Alfonso Pierantonio**.

Courses

Project Management , SINTEF school, Trondheim, Norway	Oct 2014
Research Methodology , SINTEF school, Trondheim, Norway	Nov 2013
LASER Summer School on Empirical Software Engineering , Swiss Federal Institute of Technology (ETH), Zürich, Switzerland	Sep 2010

Teaching

Lecturer , Industrial Software Engineering (in Norwegian) Bachelor course TOE058, Bergen University College	Spring 2012
Teaching assistant , Software Security (in English) Master course INF226, University of Bergen	Fall 2010
Teaching assistant , Software Engineering (in Norwegian) Bachelor course INF112, University of Bergen	Spring 2010
Teaching assistant , Software Engineering (in Norwegian) Bachelor course INF112, University of Bergen	Spring 2009

Teaching assistant, Software Security (in English)
Master course INF226, University of Bergen

Fall 2008

Teaching assistant, Program Development Methodologies (in Norwegian)
Bachelor course INF101, University of Bergen

Spring 2008

Trainer, European Computer Driving Licence (ECDL)-like courses (in Italian)
Computer Usage, File Management, Word Processing, Spreadsheets and Databases

Oct 2004-Mar 2005

Supervision

Jakob Høgenes, Master student in Engineering Cybernetics, NTNU. Summer internship at SINTEF.

Jun 2014-Aug 2014

Nikolay Nikolov, International Master student in Service Engineering, Tilburg University, University of Stuttgart, and University of Crete. Master thesis at SINTEF. Subject of the dissertation: Integration and Co-evolution of Domain-Specific Languages in Heterogeneous Technical Spaces.

Feb 2014-Jul 2014

Tudor Domnita, Bachelor student in Computer Science, Technical University of Cluj-Napoca. Summer internship at SINTEF.

Jun 2013-Aug 2013

Computer skills

Software engineering: UML, EMF, SDL, Java, Bash, PHP, JavaScript, SQL, HTML, CSS, XML, XSL, Eclipse

System administration: GNU/Linux, Mac OS X, Apache, Tomcat, MySQL, SQLite, Subversion, Git

Desktop publishing: \LaTeX , BibTeX, Microsoft Office, LibreOffice, Inkscape

Languages

Mother tongue
Other languages¹

Italian

English²
Norwegian (Bokmål)³
Spanish

Understanding				Speaking				Writing	
Listening		Reading		Interaction		Production			
C2	Fluent	C2	Fluent	C2	Fluent	C2	Fluent	C2	Fluent
C2	Fluent	C2	Fluent	C1	Fluent	C1	Fluent	C1	Fluent
C1	Fluent	C1	Fluent	B2	Independent	B2	Independent	B2	Independent

¹Common European Framework of Reference for Languages (CEFR)

²Course in Academic English at the University of Bergen

³Bestått eksamen i norsk språk og kultur trinn 4 ved Universitetet i Bergen, ekvivalent med Bergenstesten

Personal interests

Science, Technology, Languages, Linguistics, Communication, Social Networks, Politics, Travelling, Photography, Food, Wine, Music, Comedy, Running, Hiking

Publications

Books and edited proceedings

- [1] Proceedings of the Doctoral Symposium of Formal Methods 2015
Bernhard K. Aichernig, Alessandro Rossini
Tech. rep., University of Oslo, 2015. ISBN: 978-82-7368-410-3
- [2] Cloud Service Brokerage 2014: Towards the Multi-cloud Ecosystem
Anthony J. H. Simons, Alessandro Rossini, Iraklis Paraskakis, Jens Jensen
Advances in Service-Oriented and Cloud Computing—Workshops of ESOC 2014, 2015. doi: [10.1007/978-3-319-14886-1_12](https://doi.org/10.1007/978-3-319-14886-1_12)

Peer-reviewed journals

- [1] A formalisation of deep metamodeling
Alessandro Rossini, Juan de Lara, Esther Guerra, Adrian Rutle, Uwe Wolter
Formal Aspects of Computing 26.6 (2014) pp. 1115–1152. Springer, 2014. doi: [10.1007/s00165-014-0307-x](https://doi.org/10.1007/s00165-014-0307-x)
- [2] A formal approach to the specification and transformation of constraints in MDE
Adrian Rutle, Alessandro Rossini, Yngve Lamo, Uwe Wolter
Journal of Logic and Algebraic Programming 81.4 (2012) pp. 422–457. 2012. doi: [10.1016/j.jlap.2012.03.006](https://doi.org/10.1016/j.jlap.2012.03.006)
- [3] A formalisation of the copy-modify-merge approach to version control in MDE
Alessandro Rossini, Adrian Rutle, Yngve Lamo, Uwe Wolter

Peer-reviewed conferences and workshops

- [1] Experiences of Models@run-time with EMF and CDO
Daniel Seybold, Jörg Domaschka, Alessandro Rossini, Christopher B. Hauser, Frank Griesinger, Athanasios Tsitsipas
SLE 2016: 9th ACM SIGPLAN International Conference on Software Language Engineering, 2016. doi: [10.1145/2997364.2997380](https://doi.org/10.1145/2997364.2997380)
- [2] Integration of DSLs and Migration of Models: A Case Study in the Cloud Computing Domain
Nikolay Nikolov, Alessandro Rossini, Kyriakos Kritikos
Procedia Computer Science 68 (2015) pp. 53–66. 2015. doi: [10.1016/j.procs.2015.09.223](https://doi.org/10.1016/j.procs.2015.09.223)
- [3] Beyond Mere Application Structure: Thoughts on the Future of Cloud Orchestration Tools
Jörg Domaschka, Frank Griesinger, Daniel Baur, Alessandro Rossini
Procedia Computer Science 68 (2015) pp. 151–162. 2015. doi: [10.1016/j.procs.2015.09.231](https://doi.org/10.1016/j.procs.2015.09.231)
- [4] The Evolution of CloudML and its Manifestations
Alexander Bergmayr, Alessandro Rossini, Nicolas Ferry, Geir Horn, Leire Orue-Echevarria, Arnor Solberg, Manuel Wimmer
CloudMDE 2015: 3rd International Workshop on Model-Driven Engineering on and for the Cloud, 2015
- [5] Cloud Application Modelling and Execution Language (CAMEL) and the PaaSage Workflow
Alessandro Rossini
Advances in Service-Oriented and Cloud Computing—Workshops of ESOC 2015, 2016. doi: [10.1007/978-3-319-33313-7](https://doi.org/10.1007/978-3-319-33313-7)
- [6] A Comparison of Two-Level and Multi-Level Modelling for Cloud-Based Applications
Alessandro Rossini, Juan de Lara, Esther Guerra, Nikolay Nikolov
ECMFA 2015: 11th European Conference on Modelling Foundations and Applications, 2015. doi: [10.1007/978-3-319-21151-0_2](https://doi.org/10.1007/978-3-319-21151-0_2)
- [7] SRL: A Scalability Rule Language for Multi-Cloud Environments
Kyriakos Kritikos, Jörg Domaschka, Alessandro Rossini
CloudCom 2014: 6th IEEE International Conference on Cloud Computing Technology and Science, 2014. doi: [10.1109/CloudCom.2014.170](https://doi.org/10.1109/CloudCom.2014.170)
- [8] CloudMF: Applying MDE to Tame the Complexity of Managing Multi-Cloud Applications
Nicolas Ferry, Hui Song, Alessandro Rossini, Franck Chauvel, Arnor Solberg
UCC 2014: 7th IEEE/ACM International Conference on Utility and Cloud Computing, 2014. doi: [10.1109/UCC.2014.36](https://doi.org/10.1109/UCC.2014.36)
- [9] Advanced Service Brokerage Capabilities as the Catalyst for Future Cloud Service Ecosystems
Anthony J H Simons, Konstantinos Bratanis, Dimitrios Kourtesis, Iraklis Paraskakis, Simeon Veloudis, Yiannis Verginadis, Gregoris Mentzas, Simone Braun, Alessandro Rossini
CCB 2014: the 2nd International Workshop on CrossCloud Systems, 2014. doi: [10.1145/2676662.2676675](https://doi.org/10.1145/2676662.2676675)
- [10] Continuous Quality Assurance and Optimisation in Cloud-Based Virtual Enterprises
Simeon Veloudis, Iraklis Paraskakis, Andreas Friesen, Yiannis Verginadis, Ioannis Patiniotakis, Alessandro Rossini
Collaborative Systems for Smart Networked Environments—PRO-VE 2014: 15th IFIP WG 5.5 Working Conference on Virtual Enterprises, 2014. doi: [10.1007/978-3-662-44745-1_61](https://doi.org/10.1007/978-3-662-44745-1_61)
- [11] Towards a Generic Language for Scalability Rules
Jörg Domaschka, Kyriakos Kritikos, Alessandro Rossini
Advances in Service-Oriented and Cloud Computing—Workshops of ESOC 2014, 2015. doi: [10.1007/978-3-319-14886-1_19](https://doi.org/10.1007/978-3-319-14886-1_19)
- [12] Towards Bridging the Gap Between Scalability and Elasticity
Nicolas Ferry, Gunnar Brataas, Alessandro Rossini, Franck Chauvel, Arnor Solberg
CLOSER 2014: 4th International Conference on Cloud Computing and Services Science—Special Session on Multi-Clouds, 2014. doi: [10.5220/0004975307460751](https://doi.org/10.5220/0004975307460751)
- [13] Brokerage for Quality Assurance and Optimisation of Cloud Services: An Analysis of Key Requirements
Dimitrios Kourtesis, Konstantinos Bratanis, Andreas Friesen, Yiannis Verginadis, Anthony J.H. Simons, Alessandro Rossini, Antonia Schwichtenberg, Panagiotis Gouvas
Service-Oriented Computing—ICSOC 2013 Workshops, 2014. doi: [10.1007/978-3-319-06859-6_14](https://doi.org/10.1007/978-3-319-06859-6_14)
- [14] Models@Runtime to Support the Iterative and Continuous Design of Autonomous Reasoners
Franck Chauvel, Nicolas Ferry, Brice Morin, Alessandro Rossini, Arnor Solberg
MRT 2013: 8th International Workshop on Models@run.time, co-located with MODELS 2013: 16th ACM/IEEE International Conference on Model Driven Engineering Languages and Systems, 2013
- [15] Managing multi-cloud systems with CloudMF
Nicolas Ferry, Franck Chauvel, Alessandro Rossini, Brice Morin, Arnor Solberg
NordiCloud 2013: 2nd Nordic Symposium on Cloud Computing and Internet Technologies, 2013. doi: [10.1145/2513534.2513542](https://doi.org/10.1145/2513534.2513542)

- [16] Towards model-driven provisioning, deployment, monitoring, and adaptation of multi-cloud systems
Nicolas Ferry, Alessandro Rossini, Franck Chauvel, Brice Morin, Arnor Solberg
CLOUD 2013: 6th IEEE International Conference on Cloud Computing, 2013. doi: [10.1109/CLOUD.2013.133](https://doi.org/10.1109/CLOUD.2013.133)
- [17] A Graph Transformation-Based Semantics for Deep Metamodelling
Alessandro Rossini, Juan de Lara, Esther Guerra, Adrian Rutle, Yngve Lamo
AGTIVE 2011: 4th International Symposium on Applications of Graph Transformations with Industrial Relevance, 2012. doi: [10.1007/978-3-642-34176-2_4](https://doi.org/10.1007/978-3-642-34176-2_4)
- [18] Formalising Metamodel Evolution based on Category Theory
Florian Mantz, Alessandro Rossini, Gabriele Taentzer, Yngve Lamo, Uwe Wolter
NWPT 2011: 23rd Nordic Workshop on Programming Theory, 2011
- [19] A Formal Approach to Data Validation Constraints in MDE
Alessandro Rossini, Adrian Rutle, Khalid A. Mughal, Yngve Lamo, Uwe Wolter
TTSS 2011: 5th International Workshop on Harnessing Theories for Tool Support in Software, 2011. ISBN: 82-7368-371-0
- [20] Groovy and Grails meet Eclipse Modeling Framework
Kent Inge Fagerland Simonsen, Florian Mantz, Alessandro Rossini, Adrian Rutle
NIK 2010: 23rd Norsk Informatikkonferanse, 2010. ISBN: 978-82-519-2702-4
- [21] Constraint-Aware Model Merging
Alessandro Rossini, Adrian Rutle, Florian Mantz, Yngve Lamo, Uwe Wolter
NWPT 2010: 22nd Nordic Workshop on Programming Theory, 2010. ISBN: 978-952-12-2478-2
- [22] Towards a Formal Approach to Metamodel Evolution
Florian Mantz, Alessandro Rossini, Adrian Rutle, Yngve Lamo, Uwe Wolter
NWPT 2010: 22nd Nordic Workshop on Programming Theory, 2010. ISBN: 978-952-12-2478-2
- [23] Computer Science and Society: Is a New Social Contract Possible?
Alessandro Rossini, Adrian Rutle
ICSIT 2010: International Conference on Society and Information Technologies, 2010. ISBN: 978-1-934272-85-5
- [24] A Formalisation of Constraint-Aware Model Transformations
Adrian Rutle, Alessandro Rossini, Yngve Lamo, Uwe Wolter
FASE 2010: 13th International Conference on Fundamental Approaches to Software Engineering, 2010. doi: [10.1007/978-3-642-12029-9_2](https://doi.org/10.1007/978-3-642-12029-9_2)
- [25] Constraint-Aware Model Transformations
Adrian Rutle, Alessandro Rossini, Yngve Lamo, Uwe Wolter
NWPT 2009: 21st Nordic Workshop on Programming Theory, 2009. ISBN: 978-87-643-0565-4
- [26] Data Validation Constraints in MDE
Alessandro Rossini, Adrian Rutle, Federico Mancini, Dag Hovland, Khalid A. Mughal, Yngve Lamo, Uwe Wolter
NWPT 2009: 21st Nordic Workshop on Programming Theory, 2009. ISBN: 978-87-643-0565-4
- [27] A Diagrammatic Formalisation of MOF-Based Modelling Languages
Adrian Rutle, Alessandro Rossini, Yngve Lamo, Uwe Wolter
TOOLS 2009: 47th International Conference on Objects, Components, Models and Patterns, 2009. doi: [10.1007/978-3-642-02571-6_4](https://doi.org/10.1007/978-3-642-02571-6_4)
- [28] A Category-Theoretical Approach to the Formalisation of Version Control in MDE
Adrian Rutle, Alessandro Rossini, Yngve Lamo, Uwe Wolter
FASE 2009: 12th International Conference on Fundamental Approaches to Software Engineering, 2009. doi: [10.1007/978-3-642-00593-0_5](https://doi.org/10.1007/978-3-642-00593-0_5)
- [29] Automatic Definition of Model Transformations at the Instance Level
Adrian Rutle, Alessandro Rossini, Yngve Lamo, Uwe Wolter
NWPT 2008: 20th Nordic Workshop on Programming Theory, 2008. ISBN: 978-9949-430-24-6
- [30] Version Control in MDE
Adrian Rutle, Alessandro Rossini, Yngve Lamo, Uwe Wolter
NWPT 2008: 20th Nordic Workshop on Programming Theory, 2008. ISBN: 978-9949-430-24-6
- [31] A Tentative Analysis of the Factors Affecting the Industrial Adoption of MDE
Adrian Rutle, Alessandro Rossini
ChaMDE 2008: 1st International Workshop on Challenges in Model-Driven Software Engineering, 2008
- [32] Weaving Models in Conflict Detection Specifications
Antonio Cicchetti, Alessandro Rossini

Project deliverables and technical reports

- [1] D3.1a—Smart Controller Reference Implementation
Alessandro Rossini, Franck Chauvel, Panagiotis Gouvas, Anastasios Zafeiropoulos, Costantinos Vassilakis, Eleni Fotopoulou
ARCADIA project deliverable, 2016
- [2] D40.4—Brokerage Framework: Quality Assurance and Optimisation
Alessandro Rossini, Hui Song, Brice Morin, Jakob Høgenes, Simeon Veloudis, Iraklis Paraskakis, Christos Petsos, Anthony J. H. Simons, Raluca Lefticaru, Yiannis Verginadis, Ioannis Patiniotakis
Broker@Cloud project deliverable, 2015
- [3] D2.1.3—CAMEL Documentation
Alessandro Rossini, Kiriakos Kritikos, Nikolay Nikolov, Jörg Domaschka, Frank Griesinger, Daniel Seybold, Daniel Romero
PaaSage project deliverable, 2015
- [4] D2.2—Definition of the ARCADIA Context Model
Panagiotis Gouvas, Alessandro Rossini, Franck Chauvel, Anastasios Zafeiropoulos, Eleni Fotopoulou, Constantinos Vassilakis, Matteo Repetto, Kostas Tsagkaris, Nikos Koutsouris, Katerina Demesticha, Stefan Kovaci, Giovanni Carella
ARCADIA project deliverable, 2015
- [5] D40.2—Cloud Service Failure Prevention and Recovery Components of Brokerage Framework
Alessandro Rossini, Brice Morin, Hui Song, Simeon Veloudis, Rustem Dautov
Broker@Cloud project deliverable, 2014
- [6] D2.1.2—CloudML Implementation Documentation (First version)
Alessandro Rossini, Nikolay Nikolov, Daniel Romero, Jörg Domaschka, Kiriakos Kritikos, Tom Kirkham, Arnor Solberg
PaaSage project deliverable, 2014
- [7] D2.1.1—CloudML Guide and Assessment Report
Alessandro Rossini, Arnor Solberg, Daniel Romero, Jörg Domaschka, Kostas Magoutis, Lutz Schubert, Nicolas Ferry, Tom Kirkham
PaaSage project deliverable, 2013
- [8] D4.1—Analysis of existing Cloud technologies and Cloud modelling concepts and prototype requirements
Nicolas Ferry, Arnor Solberg, Alessandro Rossini, Santo Lombardo, Oscar Locatelli, Marco Brambilla, Marcos Almeida, Anthonin Ab-hervé
MODAClouds project deliverable, 2013
- [9] Conflict Detection Specifications for the Singleton Design Pattern
Antonio Cicchetti, Alessandro Rossini
Tech. rep., 2006

Others

- [1] How to blow 12.8 million NOK
Alessandro Rossini
På Høyden, <http://pahoyden.no/node/18303>, 2011
- [2] “Model-View-Controller e ZNF: dalla teoria alla pratica” (Model-View-Controller and ZNF: from theory to practice)
Alessandro Rossini, Graziano Liberati
PHP Journal 57.4 (2005) pp. 8–9. Duke Italia, 2005

Presentations

- [1] Model-Driven Engineering of Cloud Applications
[Future of Clouds](#), Budapest, Hungary, 27 Sep 2016
- [2] Cloud Application Modelling with CAMEL
[PaaSage Industrial Workshop at EVRY](#), Oslo, Norway, 20 Sep 2016
- [3] No, email is not a collaborative editing solution—A comparison of the state-of-the-art
[SINTEF](#), Oslo, Norway, 2 Jun 2016
- [4] Cloud Application Modelling and Execution Language (CAMEL)
[From Cloud to Road](#), Stuttgart, Germany, 11 Apr 2016
- [5] The Chocolate-Hazelnut Spread Experiment
[SINTEF](#), Oslo, Norway, 10 Mar 2016

- [6] Big Data Meets Cloud
[Big Data Meets Cloud SINTEF seminar](#), Oslo, Norway, 20 Oct 2015
- [7] Failure Prevention and Recovery (FPR) Mechanism, part of the Broker@Cloud Tutorial
[ESOCC 2015](#), Taormina, Italy, 17 Sep 2015
- [8] Cloud Application Modelling and Execution Language (CAMEL) and the PaaSage Workflow
[ESOCC 2015](#), Taormina, Italy, 15 Sep 2015
- [9] A Comparison of Two-Level and Multi-Level Modelling for Cloud-Based Applications
[ECMFA 2015](#), part of [STAF 2015](#), L'Aquila, Italy, 23 Jul 2015
- [10] Failure Analysis, Prevention, and Recovery
[University of Bergen](#) and [Bergen University College](#), Norway, 28-29 Apr 2015
- [11] Self-Adaptive Multi-Cloud Applications
[University of Bergen](#) and [Bergen University College](#), Norway, 28-29 Apr 2015
- [12] PaaSage—Modelling and Execution of Multi-Cloud Applications
[SeaClouds 2014](#), Manchester, UK, 2 Sep 2014
- [13] Cloud Modelling Language
[University of Oslo](#), Norway, 6 May 2013, 24 May 2014
- [14] Self-Adaptive Cloud-Based Applications
[Future Internet Assembly 2014](#), Athens, Greece, 17 Mar 2014
- [15] Broker@Cloud—Continuous Quality Assurance and Optimisation for Cloud Brokers
[NordiCloud 2013](#), Oslo, Norway, 2 Sep 2013
- [16] Towards Model-Driven Provisioning, Deployment, Monitoring, and Adaptation of Multi-Cloud Systems
[Advanced School on Service Oriented Computing](#), Hersonissos, Greece, 4 Jul 2013
- [17] Towards Model-Driven Provisioning, Deployment, Monitoring, and Adaptation of Multi-Cloud Systems
[IEEE CLOUD 2013](#), Santa Clara, CA, USA, 30 Jun 2013
- [18] Computer Science and Society: Is a New Social Contract Possible?
[University of Bergen](#), Norway, 2 Oct 2012, 1 Feb 2012, 26 Sep 2011, 31 Jan 2011, 29 Sep 2010, 2 Feb 2010, 22 Sep 2009, 4 Feb 2009
- [19] Model Versioning and Multi-Level Modelling
[SINTEF](#), Oslo, Norway, 24 Sep 2012
- [20] Model Versioning and Multi-Level Modelling
[Aalesund University College](#), Ålesund, Norway, 21 Sep 2012
- [21] A Graph Transformation-Based Semantics for Deep Metamodelling
[ACTIVE 2011](#), Budapest, Hungary, 5 Oct 2011
- [22] A Formal Approach to Data Validation Constraints in MDE
[TTSS 2011](#), Oslo, Norway, 13 Sep 2011
- [23] Action plan for PhD-education at the Faculty of Mathematics and Natural Sciences. PhD gathering of the Department of Mathematics
[University of Bergen](#), Norway, 25 Nov 2010
- [24] Constraint-Aware Model Merging
[NWPT 2010](#), Turku, Finland, 11 Nov 2010
- [25] PhD panel at the Faculty of Mathematics and Natural Sciences. PhD seminar of the Department of Biology
[University of Bergen](#), Norway, 19 Oct 2010
- [26] Data Validation Constraints in MDE
[NWPT 2009](#), Lingby, Denmark, 16 Oct 2009
- [27] A Category-Theoretical Approach to the Formalisation of Version Control in MDE
[FASE 2009](#), York, UK, 25 Mar 2009
- [28] Version Control in MDE
[NWPT 2008](#), Tallinn, Estonia, 20 Nov 2008
- [29] Free software and open source
[Università degli Studi di Urbino](#), Italy, 13 Apr 2005

- [30] Kernel tuning
LinuxDay 2004, L'Aquila, Italy, 27 Nov 2004
- [31] GNU/Linux: a window to the future
Festa dell'unità 2004, L'Aquila, Italy, 13 Jul 2004
- [32] Hardening the box
Seminari 2004 OpenLUG, L'Aquila, Italy, 2 Jun 2004
- [33] Let's package GNU/Linux
Seminari 2004 OpenLUG, L'Aquila, Italy, 26 May 2004
- [34] Changes in PHP 5/ZendEngine 2.0
LinuxDay 2003, L'Aquila, Italy, 29 Nov 2003
- [35] GNU/Linux in practice
LinuxDay 2002, L'Aquila, Italy, 23 Nov 2002