

Alessandro Rossini, PhD

Senior Manager—Information Technology, Research and Innovation

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Alessandro Rossini is a senior manager with 13 years of experience in information technology. He has a successful record of accomplishments in research and innovation projects, both in industry and academia.

Thanks to his interdisciplinary experience, Alessandro has learned to ask the right questions. His major strengths include the ability to see the small details as well as the big picture, and the capacity to communicate effectively with both executives and specialists.

Alessandro has lived in three countries and speaks English, Norwegian, Italian, and Spanish. His colleagues describe him as analytical, creative, and goal-oriented.

Experience

Senior Manager—Business Technology, PwC Consulting, Oslo, Norway 2018–Present
Advisory on research and innovation, cloud services, collaboration platforms, and model-driven software engineering.

Chief Advisor—Digital Platform Services, EVRY, Oslo, Norway 2017–2018
Subject matter expert on cloud services in bids and projects with third-party vendors. Developing the service portfolio of cloud and cognitive services. Coordinating the collaboration with research institutions on projects financed by the Norwegian Research Council and the European Commission. Teaching the writing course and chairing the editorial board of the unit. Lecturing on enterprise architecture and project experiences at EVRY Academy.

Research Scientist, Dep. of Software and Service Innovation, SINTEF, Oslo, Norway 2012–2017
Research on model-driven engineering and cloud computing. Development of **CAMEL**, a domain-specific modeling language for specifying provisioning, deployment, monitoring, and orchestration of cross-cloud applications at design- and run-time. Development of mechanisms for failure analysis and failure prevention and recovery of cloud applications. Internal project manager and work package leader in EU- and SINTEF-funded projects (see [Projects](#) below). Technical committee member of the OASIS Topology and Orchestration Specification for Cloud Applications (**TOSCA**) and co-chair of the TOSCA Instance Model Ad Hoc group. Organizing and program committee member in international conferences and workshops (see [Responsibilities](#) below). Supervision of students in the context of Master thesis and internship.

Lecturer, Dep. of Electrical and Electronic Eng., Bergen University College, Norway 2012

Guest Researcher, Dep. of Computer Science, Universidad Autónoma de Madrid, Spain 2011

Research Fellow, Dep. of Informatics, University of Bergen, Norway 2008–2011

Software Engineer, Integrator, Bergen, Norway 2007

Software Engineer, ZeroNotice, L'Aquila, Italy 2005–2007

Projects

EVRY Cloud Management Platform, a framework for cloud brokerage and orchestration 2017–2018
Architect and Subject Matter Expert.

ARCADIA, a framework for developing highly distributed applications 2014–2016
Leader of the Task on Context Models, Internal Project Manager at SINTEF.

PaaSage, a model-based framework for specifying and executing cross-cloud applications 2012–2016
Leader of the Work Package on Languages, Internal Project Manager at SINTEF.

Broker@Cloud, a cloud brokerage framework for quality assurance and optimization 2012–2016
Leader of the Task on Cloud Service Failure Prevention and Recovery, Internal Project Manager at SINTEF.

STWT, a framework for specifying simulators for systems of partial differential equations 2013–2014
Researcher.

DPF, a diagrammatic specification framework founded on category theory 2008–2012
Researcher, Quality Assurance Manager.

ZNF, an open source framework for developing enterprise web applications
Project Manager, Chief Architect. 2005–2007

Responsibilities

Co-Chair, Instance Model Ad Hoc group, **OASIS TOSCA** standard 2015–2017

Technical Committee Member, **OASIS TOSCA** standard 2014–2017

Chair, PhD Panel, Fac. of Mathematics and Natural Sciences, University of Bergen, Norway 2010–2011

Council Member, Dep. of Informatics, University of Bergen, Norway 2009–2010

Founding Member, OpenLUG Linux User Group of L'Aquila, Italy 2001–2007

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

Program Committee Member: **Microservices 2019**, **MMHS 2018**, **MULTI 2018**, **CloudWays 2017**, **ESOCC 2018**, **SE-CLOUD 2018**, **CloudWays 2017**, **ESOCC 2017**, **CF 2016**, **MULTI 2016**, **MMHS 2016**, **PROCON 2016**, **ESOCC 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.), Dep. of Informatics, University of Bergen, Norway 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.), Dep. of Computer Science, Università degli Studi dell'Aquila, Italy 2006

Bachelor of Science (B.Sc.), Dep. of Computer Science, Università degli Studi dell'Aquila, Italy 2003

Certifications

PRINCE2 Foundation in Project Management 2018

AWS Business Professional 2017

AWS Technical Professional 2017

Courses

Business Outcome Enablement, Global Knowledge, Oslo, Norway 2017

Project Management, SINTEF School, Trondheim, Norway 2014

Research Methodology, SINTEF School, Trondheim, Norway 2013

LASER Summer School on Empirical Software Engineering, Swiss Federal Institute of Technology (ETH), Zürich, Switzerland 2010

Languages

Mother tongue: **Italian**, Fluent: **English**, **Norwegian**, **Spanish**

Personal interests

Science, Technology, Traveling, Photography, Languages, Communication, Food, Wine, Movies, Music, Comedy, Running, Hiking

Publications

40+ publications in peer-reviewed conference proceedings and journals.