

# Alessandro Rossini

Senior Information Technology Advisor, Researcher, Ph.D.

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Alessandro Rossini is a senior information technology advisor. He is advising customers on planning and designing the cloud solutions that best fit their requirements, with particular emphasis on modernisation and innovation.

During recent years, Alessandro has conducted extensive research and development on cloud computing and served as a member of the technical committee of the OASIS TOSCA standard. In his position at EVRY, he is transferring these research results to the industry in order to offer customers a competitive advantage.

Alessandro holds a Ph.D. degree in informatics from the University of Bergen, Norway, and an M.Sc. degree in computer science from the University of L'Aquila, Italy. He has lived in three countries and speaks English, Norwegian, Italian, and Spanish. His colleagues describe him as detail-oriented, organised, and goal-oriented.

## Experience

**Senior Cloud Advisor**, EVRY Cloud Services, Oslo, Norway 2017–  
Advising customers on planning and designing the cloud solutions that best fit their requirements, with particular emphasis on modernisation and innovation. Subject matter expert in large bids and projects with third-party vendors.

**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 modelling language along with a models@run-time environment for specifying provisioning, deployment, monitoring, and orchestration 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 applications. Internal project manager and work package leader in the EU-funded projects **PaaSage**, **Broker@Cloud**, and **ARCADIA**, and the SINTEF-funded project **STWT** (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. Organising and program committee member in international conferences and workshops. Supervision of students in the context of Master thesis and internship.

**Part-time 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

**ARCADIA**, a framework for developing highly distributed applications 2014–2016

**PaaSage**, a model-based framework for specifying and executing cross-cloud applications 2012–2016

**Broker@Cloud**, a cloud brokerage framework for quality assurance and optimisation 2012–2016

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

**DPF**, a diagrammatic specification framework founded on category theory 2008–2012

**ZNF**, an open source framework for developing enterprise web applications 2005–2007

## Education

**Philosophiae Doctor (Ph.D.)**, Dep. of Informatics, University of Bergen, Norway 2011

**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

## Languages

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

## Publications

30+ publications in peer-reviewed conferences and journals.