IARIA Fellow

Prof. Roy Oberhauser
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Roy Oberhauser is a Professor for Computer Science at the Aalen University. His research goal is to leverage new and available technologies to innovate and improve the quality and production of software for society. Thus his research interests span a wide range that include research in or the application of:

- Automated software engineering
- Software quality management and assurance
- Software product line architectures
- Model-driven software engineering
- Autonomic computing
- Software engineering environments and collaborative development environments
- Semantic technologies, semantic web services, and ontology engineering
- Knowledge management
- Workflow management and process-aware information systems
- Rule engines
- Agent systems
- Web services and peer-to-peer computing
- Cloud computing and grid computing

Over the years he has served IARIA in the various capacities of advisory chair or session chair for and on the technical program committees of the ICSEA, VALID, eKNOW conferences. He is an editorial board member of the International Journal on Advances in Software.

Contributions to IARIA Conferences that received Best Papers Awards include:
- "Towards Automated Context-Aware Selection of Software Quality Measures" by Gregor Grambow and Roy Oberhauser. (ICSEA 2010)
- "Integrating Quality Modeling with Feature Modeling in Software Product Lines" by Joerg Bartholdt, Marcel Medak, and Roy Oberhauser. (ICSEA 2009).
- "An Approach to Addressing Entity Model Variability within Software Product Lines" by Joerg Bartholdt, Roy Oberhauser, and Andreas Rytina. (ICSEA 2008)
- "SWS-ASE: Leveraging Web Service-based Software Engineering" by Ulrich Dinger, Roy Oberhauser, and Christian Reichel. (ICSEA 2006)