

## Prof. Dr. Andreas Rausch

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Andreas Rausch is the director of the Institute for Software and Systems Engineering at the TU Clausthal. From 2007 to 2018, he was the head of the chair for Software Systems Engineering at the TU Clausthal. Until early 2007 he was head of the chair for Software Architecture at the University of Kaiserslautern.

In 2001, he obtained his doctorate from the University of Munich under Prof. Dr. Manfred Broy. Andreas Rausch was project leader for the development of the V-Modell XT, the standard system development process model for IT systems of the Federal Republic of Germany. In addition to his research activities he participated in various commercial software projects developing large distributed systems. He is one of the four founders and shareholders of the software and consulting company 4Soft GmbH, Munich.

Andreas Rausch's main research interests are: Software architecture, model-driven development, process models, longevity of software systems, artificial intelligence, data-based software engineering, software verification, and dependable cyber-physical systems. He published more than 240 papers worldwide, and was supervisor of more than 25 doctoral theses. Andreas Rausch is involved in the management of and participation in a number of international, European, and national research projects. He gave invited talks and numerous presentations at national and international conferences. Furthermore, he is member of different program committees.

Andreas Rausch's contribution to the IARIA started in 2011. He is author and co-author of several articles presented at IARIA conferences and published in IARIA journals. He was keynote speaker, panel moderator, session chair and panelist at IARIA conferences. Several of his contributions have been awarded with Best Paper Awards. At IARIA conferences, he values the opportunity to discuss important topics with an interdisciplinary audience, consisting of members of industry and science. Andreas Rausch organized several special tracks during IARIA conferences, e.g.,

- Emergent and Adaptive Semantic Composition in IoT-Ecosystems (EASCI). Along with the Fifteenth International Conference on Adaptive and Self-Adaptive Systems and Applications (ADAPTIVE 2023), June 26 - 30, 2023 - Nice, Saint-Laurent-du-Var, France.
- Data-driven Methods for Architecture Adaptation and Design (DaMAD). Along with the Eleventh International Conference on Adaptive and Self-Adaptive Systems and Applications (ADAPTIVE 2019), May 05 - 09, 2019 - Venice, Italy.
- Emergent, Sustainable and Resilient Mobility for Smart Regions and Cities (ESREM). Along with the Tenth International Conference on Adaptive and Self-Adaptive Systems and Applications (ADAPTIVE 2018), February 18 - 22, 2018 - Barcelona, Spain.
- Managed Adaptive Automotive Product Line Development (MAAPL). Along with the Ninth International Conference on Adaptive and Self-Adaptive Systems and Applications (ADAPTIVE 2017), February 19 - 23, 2017 - Athens, Greece.