

# Dr. Michael Massoth

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## Biography

Dr. Michael Massoth is a full professor of telecommunications, business informatics and computer science at the h\_da Hochschule Darmstadt – University of Applied Sciences, Germany, since 2005. He is a member of the special technical board for telecommunications, business informatics and IT-security at the department of computer science. He is also a member of the Center for Advanced Security Research Darmstadt (CASED) as a principal investigator in the research area “secure services” since 2010.

Dr. Massoth is a lecturer in computer science, especially in telecommunications, multimedia networks and services, mobile communications and computing.

Before his appointment as a professor, he worked as researcher and manager sales at the Mobile Research Center (MRC), TZI – Center for Computing and Communication Technologies at the University of Bremen, Germany. Before this, he worked several years as a senior research engineer, system designer and project manager at the Ericsson Eurolab in Aachen, Germany.

He obtained a Master in Business Administration (MBA) from the University of Applied Sciences in Aachen in 2005. He received his PhD (Doctor rerum naturalium) from the Technical University of Dresden in 2000. His diploma is in physics from the Johann Wolfgang Goethe University Frankfurt/Main in 1994.

## Research interests and co-operations

His research interests includes

- Next generation networks und future internet,
- IT security and reliability for networks, applications and services,
- Mobile communication and mobile computing, including wireless sensor networks,
- Smart grids, smart home control and smart metering.

He is interested in international and national co-operations with other research institutes, universities and industry partners in all the above mentioned research areas.

## **IARIA Fellowship**

Dr. Massoth has been actively involved in various IARIA conferences for a number of years, and significantly contributed, serving as a reviewer and session chair for the **Advanced International Conference on Telecommunications** (AICT) and the **International Conference on Internet and Web Applications and Services** (ICIW).

He has also served as a keynote speaker on the **International Conferences on Advances in Multimedia** (MMEDIA 2011, Budapest, Hungary) with a talk about “**Advanced Security and Reliability Challenges for Multimedia Networks and Services**”.

Additionally he has served on the panel discussion about “**Tendencies and Challenges in MultiMedia**” at the MMEDIA 2010 (Athens/Glyfada, Greece). He and his students have been active contributors to and presenters at these conferences and to the IARIA journals.

He was awarded an **IARIA Best Paper Award** in 2010 for his AICT paper entitled “Defense against Direct Spam over Internet Telephony by Caller Pre-Validation”, as well as in 2009, for his ICIW paper entitled “Performance of different mobile payment service concepts compared with a NFC-based solution”.