

Dr.-Ing. Ralf Steinmetz (Professor)

TECHNISCHE
UNIVERSITÄT
DARMSTADT



Multimedia Communications Lab KOM
Technische Universität Darmstadt

Full Professor

Rundeturmstr. 10
64283 Darmstadt
Germany

P: +49 (0) 6151 16-29101
F: +49 (0) 6151 16-29109
E: Ralf.Steinmetz@KOM.tu-darmstadt.de
I: www.KOM.tu-darmstadt.de



Date of birth: 31st July 1956
Citizenship: German

Professional Experience in Research Institutes, Foundations & Professional Societies

since 2013	Chairman and Coordinator of the DFG Collaborative Research Centre, SFB 1053 MAKI – Multi-Mechanism-Adaption for the Future Internet, Darmstadt
since 2010 resp. 2016	Chairman of the Profile Area “Internet and Digitization” (2010-2015: Chairman Research Cluster “Future Internet”) at TU Darmstadt
since 2007	President of the Board of Trustees, IMDEA Networks (Research Institute on Networks and Telematics Services), Madrid, Spain
since 2005	advisor for information and communications technology to the governor of the state (province) of Hessen, Wiesbaden
since 2002	Member of the Board of Directors, E-Finance Lab Frankfurt am Main e.V.
since 1998	Chairman of the Board, Hessian Telemedia Technology CompetenceCenter (httc), Darmstadt
2006 - 2014	Member of IT-council, member of the Technology Advisory Board of the state of Hessen
1996 – 2001	Director, Fraunhofer Integrated Publication and Information Systems Institute former GMD – National Research Center for Information Technology, Darmstadt

Professional career

since Oct. 2001	Techn. Univ. Darmstadt, Department of Electrical Engineering and Information Technology, Multimedia Communications Lab, Darmstadt Full Professor and Director (among other responsibilities: dean for 2.5 yr)
since Aug. 1997	Adjunct Professorship, Department of Computer Science, Techn. Univ. Darmstadt
1996 – 2001	Techn. Univ. Darmstadt, Department of Electrical Engineering and Information Technology, Volkswagen Endowed Chair of Industrial Process and System Communications, Darmstadt
1988 – 1996	IBM European Networking Center, Heidelberg, Manager of the WT Multimedia Department (also known as the European IBM Multimedia Center Heidelberg)
1987 – 1988	Philips Communications Industry Corp., Advanced Development, Siegen

Education

1994	Habilitation in Computer Science at Goethe University Frankfurt
1986	Doctoral Degree (Dr.-Ing) in Electrical Engineering, Communications

Awards

- **VDE ITG Fellow, 2017**
- **Athene Award for Knowledge and Technology Transfer 2016**, TU Darmstadt, **2017**
- **Chair of Excellence** („catedra de excelencia”), endowed with 60.000€, Universidad Carlos III, Madrid, financed by Banco Santander, **2014**
- **E-Teaching Award**, Carlo und Karin Giersch-Stiftung at TU Darmstadt, **2008**
- **Award for Outstanding Technical Contributions to Multimedia Computing, Communications and Applications**, ACM SIGMM 1st award, for "pioneering work in multimedia communications and the fundamentals of multimedia synchronization", **2008**
- National Leader Award, Economic Forum Germany, **2004**
- **ACM Fellow, 2002**
- IBM Research "**Award for Excellence in Internet Research**" (approx. USD 100.000), 1999
- **IEEE Fellow, 1999**
- **Governor** at the International Council for Computer Communication ICCG, **1999-2005**
- **Best Teaching Award** (*Auszeichnung für "Beste Lehre"*), Department of Computer Science at the TU Darmstadt, **1997/1998**
- **Certificate of Appreciation**, IEEE Computer Society, for contributions to "IEEE Multimedia Systems", **1996**
- **Certificate of Appreciation**, IEEE Computer Society, for conception and establishment of journal "IEEE Multimedia Magazine", **1994**
- **Certificate of Appreciation**, IEEE Computer Society, for contributions to International Conference on Distributed Computing Systems ICDCS, **1993**
- **First Patent Application Invention Achievement Award**, IBM, 1992

Awards of members and students of his team; see e.g.

- **Best Paper Award**, 11th IEEE International Conference on Advanced Learning Technologies ICALT, **2011**
- Excellence in Research Journal Award, IGI Global, 2010
- **Best Ph.D. Thesis in communications and distributed systems in Germany** (Fachgruppenpreis 2009) of GI/ITG Section "Fachgruppe Kommunikation und Verteilte Systeme", PhD Thesis, **2011**
- **Förderpreis der ITG**, a society of the VDE, best PhD Thesis Award, **2010**
- **Best Paper Award**, 5th International Conference on Internet and Web Applications and Services ICIW, **2010**
- **2 Master thesis Awards**, GI/ITG-Fachausschuss MMB, Diploma Theses, **2010**
- Werner von Siemens Excellence Award, Siemens AG, Diploma Thesis, 2008
- **Best Paper Award**, 3rd International Conference on Systems and Networks Communications ICSNC, **2008**
- **Best Paper Award**, 3rd International Multi-Conference on Computing in the Global Information Technology ICCGI, **2008**
- **Best Track Paper**, 14th Annual Americas Conference on Information Systems AMCIS, **2008**
- **Best MSc Paper Award**, 7th European Workshop on Microelectronics Education EWME, **2008**
- **Roger Needham Award**, EuroSys, PhD Thesis, **2006**
- **Best Paper Award**, GI/ITG conference in communications and distributed systems („Fachtagung Kommunikation in verteilten Systemen KIVS“), **2005**
- **Best Dissertation Award**, Gesellschaft für Informatik e.V., PhD Thesis, **2004**