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Background / short bio

- Since 2005: Full Professor of Computer Science at Department of Informatics, TU Clausthal, Head of Department since 2008, head of research group "Mobile and Enterprise Computing".
- 1999-2006: Heading *Agents and Peer to Peer Computing* group at Siemens Corporate Technology, Munich, DE.
- 1996-1999: Senior software engineer/senior researcher with John Wiley & Sons, Zuno Ltd. (start-up), and Mitsubishi Electric, London, UK.
- Before: researcher at DFKI agents group, 1996 Ph.D. in Computer Science "An architecture for dynamically interacting agents", Saarbrücken University, DE.

Research areas:

My main research areas and research interests are on agent and multiagent system architectures, agent-based modelling, simulation and engineering of socio-technical systems. A longstanding area of interest and concern for me is applying and evaluating multi-agent systems in societally relevant application domains (such as mobility and collaborative engineering). I have (co-)authored / (co-)edited more than 20 books and over 200 publications in total (see http://meclab.in.tu-clausthal.de/publications/).

Previous service to the field:

I was strongly involved in the organization of two of the three predecessor conferences of AAMAS: ATAL (co-chairing in 1995, 1996, 1998), and Autonomous Agents (PC chair 1999, General Chair 2001). As chair of the Autonomous Agents Steering Committee, I was also contributing to preparing and implementing the merger of ATAL, AA, and ICMAS into AAMAS. I was General Chair of AAMAS 2008 and IFAAMAS board member from 2002 until 2008 (?).

I have been Editorial Board member of the AAMAS Journal since 1998. He has also organized numerous agent-related workshops and conferences including MATES, PAAMS, AOSE, AT2AI, ATOP, CEEMAS, and EMAS. He has been a member of the EU COST actions on "Towards autonomic road transport support systems" and "Agreement Technologies".

Short Statement / Motivation

One main issue that I would like to address as a board member is help strengthening the link between theory and application of autonomous agents and multi-agent systems in AAMAS. I would pursue this by providing links and contacts, but also ensuring this topic gets sufficient attention in the IFAAMAS board.

Second, I would like to devote my energy to further promote the use of multiagent systems, mechanisms and technologies for societally relevant purposes. While there are strong relevant initiatives in the US, there appears to be much room for developments in this direction in Europe. Improving the networking within the AAMAS board will be helpful for establishing these ideas in Europe and also linking them to related research fields, such as data science, software engineering, but also traffic engineering and urban planning.

Last but not least, I find it very important to embrace students at AAMAS. While I think that the conference is doing that rather well already, I would like to help devising and implementing further ideas and instruments to attracting students to the field of MAS, and making it possible for as many stuents as possible to attend AAMAS events.