

Bio: **Enrico Gerding** is an Associate Professor in the Agents, Interaction and Complexity (AIC) research group in the Department of Electronics and Computer Science (ECS) at the University of Southampton. He has been an academic at Southampton since 2007. He received his PhD from the Dutch National Centre of Mathematics and Computer Science (CWI) in 2004 on the topic of automated negotiation. His main areas of research are negotiation, auctions and mechanism design, and in the past few years he has developed a track record in the areas of privacy, machine learning and human-centred artificial intelligence. A key passion is to apply the theory such as mechanism design to real-world applications. Of particular current interest are the areas of the smart grid and intelligent transportation, as well as finance. He has over 100 publications in top conference venues and journals such as AAMAS, IJCAI, JAAMAS and AIJ. He is currently involved in several UK-funded projects, including “AutoTrust: Designing a Human-Centered Trusted, Secure, Intelligent and Usable Internet of Vehicles” a project with Siemens on smart mobility, and with Shell on maritime applications.

Service to IFAAMAS and community: Enrico has a long history with AAMAS. He been attending AAMAS since the very first conference in Bologna in 2002 while he was still doing his PhD and has been at almost every AAMAS conference since. He has been SPC for many years, and PC before that. He has also been scholarship co-chair and doctoral mentoring co-chair. He is also currently involved as part of the local organisation for AAMAS 2021 which will take place in London. He is also promoting the field to undergraduate students. He has been delivering the intelligent agents module in Southampton for many years, and introduced a separate module on algorithmic game theory. Related to this, he has been involved with the agent negotiation competition ANAC, actively involving the undergraduate students at Southampton, help develop teaching material to be used world-wide, and ensuring funding for them to travel to the competition (which has been held at IJCAI for the past few years).

If elected: I have always been keen to combine theory and applications. In addition to theory and fundamentals, I believe applications to be vital to ensure the health and future of the field. Indeed, I strongly believe intelligent agents and multi-agent systems have an important future ahead in many up and coming application areas, such as autonomous vehicles and the smart grid, and we should capitalize on this trend. Increasingly, industry is recognizing this fact, and at Southampton we constantly receive requests from industry to work with us. This type of collaboration can be challenging at times and needs encouraging. Also there has traditionally been little appreciation of applications, despite numerous initiatives such as separate tracks. If elected to the AAMAS board I will aim to improve the links with industry for the AAMAS community and encourage bringing fundamental research and applications together.