

## Michal Pěchouček Candidacy for IFAAMAS Board

Michal Pěchouček is ready to support the AAMAS community and agrees to stand for the membership in the IFAAMAS board.

Michal Pěchouček has been approved for full professorship in cybernetics (equivalent to computer science) at the Czech Technical University (CTU) in December 2009. He is the deputy Head of the Department of Cybernetics at CTU. He is the Head of the Agent Technology Center at CTU, which he has been continuously building since 2000. The center consist of 25 members (full-time researchers and PhD students) who investigate exclusively the aspect of agent-based computing. Michal Pěchouček introduced Agent-based computing as a mandatory course into the informatics curricula at the CTU.

The research interests of Michal Pěchouček lie mainly in the fields of multi-agent simulation and modeling, coordination, social knowledge representation multi-agent planning, multi-agent prototypes and test-beds and applications of agent-based computing into security related applications and air-traffic control. He is the author of 17 contributions to SCI impacted journal and more than 150 papers in other referred journals and conference proceedings. To date his work is cited by 166 citations in ISI/WOS databases. With the team of co-authors, he has been awarded by several best-paper awards and nominations, best demo awards and the main prize of the Engineering academy of the Czech Republic in 2007.

Michal Pěchouček has been an active member of the AAMAS community since 2000. He supported the regional agent community by its membership in the CEEMAS (Central European Conference on Multi-Agent Systems) steering committee and by being CEEMAS 2003 and 2005 Programme co-Chair. He also served as the EUMAS (European workshop on multi-agent systems) Advisory Board Chair in 2004-2005 and became a member again in 2009. He is the member of the board of directors of EURAMAS (European Association for Multi-agent Systems).

Through his interest in agent application Michal Pěchouček co-founded the successful series of HoloMAS (Industrial Applications of Holonic and Multi-Agent Systems) conferences and was the Programme co-Chair in 2001, 2002, and 2005. Through his effort to connect the basic research with agent applications Michal Pěchouček contributed to the AAMAS community by introducing the concept in Industry Track, of which he was the first co-Chair in 2005. He was also a member of the management committee of the AgentLink III, the European Network of Excellence for Agent-Based Computing, responsible for industrial involvement. He is also the member of the Advisory Board of the European Agent Systems Summer School.

Michal Pěchouček is a visiting/honorary member of Artificial Intelligence Application Institute at the University of Edinburgh and the member of Advisory Board of the Center for Advanced Information Technology at SUNY Binghamton. Michal Pěchouček was awarded the Fulbright Fellowship for 2010/2011 which he will spent with the TEAMCORE group at University of Southern California.

Michal Pěchouček intends to support the IFAAMAS community by encouraging interaction between the basic research and multi-agent applications. He will also represent the empirical computer science approach to multi-agent systems, connected with the concept of multi-agent prototypes and scalable experimentation and testing of the investigated algortims.

Scientific contributions of Michal Pěchouček and his support provided to the agent research community as well as his continual evangelizing of agent-based technologies make him an excellent candidate for the IFAAMAS board membership.