

IEEE PES Multi-Agent Systems (MAS) Working Group

Minutes of Meeting

Date: Monday 27th July, 2009

Venue: IEEE PES General Meeting in Calgary, Canada

Chair: Dr Stephen McArthur, University of Strathclyde, UK (s.mcarthur@eee.strath.ac.uk)

Attending:

Steve Widergren, PNNL
Anurag K Srivastava, Mississippi State Univ
Kwang Y Lee, Baylor University
Leigh Tesfatsion, Iowa State University
Hamid Zareipour, University of Calgary
Karl Schoder, Florida State University
Zita Vale, Polytechnic of Porto
Zhenhua Jiang, University of Miami
Sanjeev Srivastava, Florida State University
Chul-Hwan Kim, SungKyunKwan University
Hugo Morais, Polytechnic of Porto
Sioe T Mak, Aclara Technologies
Ivana Kockar, University of Strathclyde
Jianhui Wang, Argonne National Lab
Victoria Catterson, University of Strathclyde
Euan Davidson, University of Strathclyde
Ali Feliachi, West Virginia University
Tom Tobin, S&C Electric
Christophe Kieny, EDF/IDEA
Martin Wolter, Leibniz University Hannover
Farrokh Rahimi, OATI
Nikos Hatziargyriou, National Technical Uni. Of Athens & PPC
Edgar Manuel Carreno, UNESP
Hui Yuan, Washington State University
Manuel Mejia Lavalle, IIE
Arshad Saleem, Technical University of Denmark
Kai Heussen, Technical University of Denmark
G. Kumar Venayagamoorthy, Missouri Univ. of Science & Technology
Joyeep Mitra, Michigan State Univ.
Miguel Ortega_Vazquez, University of Manchester
Henry Wu, University of Liverpool
Alex Flueck, Illinois Institute of Technology
Kankar Bhattacharya, University of Waterloo

Minutes/Actions:

1. The Working Group wishes to extend the resources and information available to its members and the wider community. Therefore it was agreed that:
 - MAS Working group web pages would be created;
 - An initial set of resources and information will be uploaded, including the transactions papers created, links to resource web pages, guidelines and information from MAS Working Group members;
 - Software and ontologies will be made available over time;
 - Initial information will be uploaded, and the web pages will be grown organically.

2. It was agreed that the Working Group would propose one panel session for the 2010 IEEE PES General Meeting, titled "Multi-Agent Systems Delivering Smart Grid Functions."

Note: There was pressure to reduce the number of panel sessions arising from the Intelligent Systems Subcommittee. Following the Intelligent Systems Subcommittee meeting and the PSACE technical committee meeting, the proposed MAS panel session was combined with those suggested by the Data Mining Working Group, Intelligent Control Working Group and Intelligent Fault Management Task Force. Therefore, the panel is sponsored by the Intelligent Systems Subcommittee and titled "Deploying Intelligence in the Smart Grid". This will be chaired by S McArthur, and will be 4 hours in duration. It may be extended to a full day session. All papers will focus on implementations of intelligent systems within industrial prototypes that deliver Smart Grid functionality.

Please email Stephen McArthur if you wish to propose a paper title and presenters.

3. The Multi-Agent Systems Working Group, through Prof Nikos Hatziargyriou, will suggest an article or special issue for the IEEE PES Power & Energy Magazine. The focus will be the use of MAS to deliver Smart Grid functionality. This is intended to generate greater industrial interest in the Working Group's activities and promote the platform technologies that we offer.