

Minutes of the ISS WG on Multi Agent Systems

IEEE PES General Meeting 2017, Chicago, USA

Time: Monday, July 17, 2017 12:00 PM-1:00 PM

Room: S-Mayfair

Chair: Koen Kok, TNO & DTU

Agenda and Minutes:

1. Welcome and introduction of attendees
 - a. 28 Attendees in total, mostly having research institutes and university affiliations, ~4 industry participants.
2. Approval of the minutes of the 2016 MAS Working Group meeting in Boston
 - a. There are no comments on the minutes, so they are approved.
3. WG Activities in the past year, including this GM
 - a. Special Issue/Section proposal to Trans. on Power Systems
The WG proposed a special section shortly before the 2016 PES GM, which was accepted and published in the second half of 2016. The Editorial Board and Guest Editors has a large number of members who are also member of the WG. The chair thanks those members.
In total we have received 83 abstracts of which we found 61 in-scope of the special issue. After review of all abstracts by the Guest Editorial Board, we have accepted 32 abstracts for full-paper submission. So, we accepted 38% of all abstracts and 52% of the in-scope ones. There are several WG members among the submitting authors, the chair thanks all of those and apologizes to those who saw their abstracts rejected. The final paper submission deadline is 1st of September.
 - b. Panels
Two panels have been organized by the WG:
 - i. Ivana Kockar & Stephen McArthur: ISGT Asia 2016 (28 Nov – 1 Dec 2016 in Melbourne), a panel session on New Operational Strategies of Future Power System Networks: A Need for Decentralised and Intelligent Power System Operation Tools.
 - ii. Steve Widergren: Multi-agent Field Deployment Platforms, on this General Meeting. Tuesday, July 18, 2017 10:00 AM-12:00 PM, Room: G-226 Multifunction Room.
 - iii. Second proposal for a panel on this PES GM was first assigned, but withdrawn later on again.
4. Future Activities:
 - a. Panel session organization (PES GM 2018 & other conferences)
 - i. PES GM 2018: Two ideas for panels will be proposed through the Intelligent Systems Subcommittee:
 1. Panel related to the special section: The idea behind this panel is to select a number of high-quality contributions to the special issue and get the authors together for an interactive panel session. Invite group of authors based on first reviews of final papers. Lead: Koen. Title: "Distributed Optimization Algorithms for Integration of Power Transmission and Distributed Networks Management".
 2. Panel on Intelligent Distributed System approaches to TSO/DSO interaction/integration. WG members capable of contributing: PNNL, Louisiana State Uni, TNO, EDF, Uni of München. Lead: Amin Kargarian, Louisiana State University. Title: "Distributed Optimization Algorithms for Integration of Power Transmission and Distributed Networks Management".

- ii. Power Systems Computation Conf - PSCC2018 in Dublin, 11-15 June 2018:
Proposal to develop a panel proposal by Alfredo Vaccaro (Uni of Sannio, Italy).
Panel topic: OPF using Distributed Optimization and Consensus Protocols.
- b. Other initiatives
 - i. Ivana Kockar proposes to develop a white paper giving an overview of the state of the art in Distributed Computing for Power Systems. Prior to the meeting, Amin Kargarian proposed a similar idea to the WG chair. Co-lead between Ivana and Amin.
 - ii. Steve Widergren mentions that the new Technical Committee on Smart Buildings, Loads and Customer Systems is forming a subcommittee regarding ICT Architectures. The work will have a strong link to distributed intelligent software and transactive energy systems and Steve proposes to include MAS WG members. There is interest from different people around the table (TNO, USTRATH, ...). Members interested to participate should contact Steve.
- 5. AOB
 - a. No AOB
- 6. Adjournment

The chair thanks everybody for their presence and participation in the meeting. The meeting is closed at 13:45 hours. The remaining time is used for further introductions of members around the table with a focus on their research interests.

Minutes written by Koen Kok.