

Call for Papers: Vehicles as Part of Large Energy Networks: Interaction with Grid and Renewable Energy Sources

Invited Sessions for
2014 IFAC World Congress
August 24-29, 2014, Cape Town, South Africa
<http://www.ifac2014.org/>

The IFAC Technical Committee on "Automotive Control" is sponsoring an invited session at the 2014 IFAC World Congress on "Vehicles as Part of Large Energy Networks: Interaction with Grid and Renewable Energy Sources". Papers are invited on original investigations relating to vehicle/grid /renewable energy interaction, in terms of design, management, and control challenges. Specific topics of interest include, but are not limited to:

- Vehicle Fleet and Infrastructure Asset Management;
- V2G and Interconnection with Smart Grid
- Power Grid and Renewable Energy Resource Management for PEV Mass Deployment
- Impact Assessment and Benefits of Grid Connected Vehicles;
- Charging Infrastructure Design and Control
- Fuel Cell Hybrid Fleets Fed by On-Site Renewables Based Generation of Hydrogen

You are invited to submit a paper or extended summary describing problem formulation, methodology, work performed, results, conclusions, and key references. Extended summaries should be no less than 1000 words and must be of sufficient detail to allow peer review of the results. **Submissions of extended summaries should be emailed directly to vmarano@unisa.it** and should:

- be in pdf format,
- include all the authors and their affiliations, and
- indicate the corresponding author and contact information.

Papers or extended summaries should be received by **October 4, 2013**. Authors will be notified of acceptance (with the invited session code) or rejection by the invited sessions by **October 18, 2013**. Submissions accepted for inclusion in an invited session proposal are to be submitted online, as Invited Papers (not as extended summaries), via <https://ifac.papercept.net/conferences/scripts/start.pl> by **October 30, 2013**. Any papers not accepted for inclusion in the invited sessions can be submitted as regular papers by the same deadline of October 30, 2013. All IFAC submissions need to follow the page limit and column specifications outlined on the IFAC website strictly or risk rejection without review.

The IFAC World Congress Conference Program Committee will make the decision regarding final acceptance of the invited session proposals and the invited papers included therein.

Invited Session Organizers

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