

Call for Papers: Advances in Mechatronics for Automotive Systems

Invited Sessions for 2014 IFAC World Congress

August 24-29, 2014, Cape Town, South Africa

<http://www.ifac2014.org/>

The IFAC Technical Committee on Mechatronic Systems (TCMS) and the IFAC Technical Committee on Automotive Control (TCAC) are jointly sponsoring invited sessions at the 2014 IFAC World Congress on "Advances in Mechatronics for Automotive Systems. Papers are invited on original investigations relating to modeling, design methodologies, identification methods, analyses, estimation, and control of mechatronic systems for automotive and transportation applications. Specific topics of interest include, but are not limited to:

- Engine/powertrain dynamics and control
- Alternative propulsion systems
- Engine aftertreatment system control and diagnostics
- Vehicle telematic systems
- Drivetrain/driveline system control
- Vehicle dynamics and control
- Intelligent transportation systems
- Automated highway applications
- Driver-vehicle interactions
- Advanced automotive sensing and actuation

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 ifac2014amas@osu.edu** 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

Prof. Ivan Arsie
University of Salerno
iarsie@unisa.it
+39 089 964080

Prof. Seibum B. Choi
Korea Advanced Institute
of Science and Technology
sbchoi@kaist.ac.kr
+82 42 350 4120

Prof. Lars Eriksson
Linköping University
larer@isy.liu.se
+46 0 13 28 4409

Prof. Levent Güvenç
Istanbul Okan University
levent.guvenc@okan.edu.tr
+90 216 6771630(1937)

Prof. Junmin Wang
Ohio State University
wang.1381@osu.edu
+1 614 247 7275