Call for Papers

AdCONIP 2017

The 6th International Symposium on Advanced Control of Industrial Processes

28 – 31 May 2017
Taipei

Howard Civil Service International House

http://AdCONIP2017.org

Hosted by
Petrochemical Research Center
Department of Chemical Engineering
National Taiwan University

AdCONIP Series

Kumamoto (2002); Seoul (2005); Jasper (2008);
Hangzhou (2011); Hiroshima (2014); Taipei (2017)

Aims and Scope

AdCONIP is a triennial international conference.

AdCONIP 2017 is the 6th symposium following previous events at **Kumamoto (2002)**, **Seoul (2005)**, **Jasper (2008)**, **Hangzhou (2011)**, and **Hiroshima (2014)**. This symposium aims at bringing together researchers and practitioners from academia and industry to discuss the state of the art developments/ techniques in advanced control and its applications in industrial processes. The emphasis of this symposium will be on the theory and practice of advanced industrial control methods. Main topics for the symposium include, but are not limited to:

- Process Control and Automation
- Signal Processing
- Identification and Estimation
- Controller Performance Evaluation
- Fault Detection and Diagnosis
- Data Reconciliation
- Data Mining and Data Analytics
- Computer Integrated Manufacturing
- Safe Process Operating Systems
- Integration of Process Design and Control
- Health Informatics and Bioinformatics
- Factory Automation
- Intelligent Control
- Adaptive and Learning Systems
- Robotics and Mechatronics
- Process Integration and Optimization

Important Dates

6-page Paper Submission	1 Jun – ~~30 Sep, 2016~~
2-page Abstract (Industry)	**Extended to**
Invited Session Proposal	**20 Oct, 2016**
Acceptance Notification	15 Dec, 2016
Final Paper Uploading	31 Jan, 2017
Early-bird Registration	31 March, 2017
AdCONIP 2017	**28–31 May, 2017**

Call for Papers

The **I**nternational **P**rogram **C**ommittee (**IPC**) invites authors to submit **6-page papers** (or **2 page extended abstracts** for authors from industry) in English to the conference. The detailed instructions are available through the PaperCept Conference Management System (see the conference website on http://AdCONIP2017.org).

Proposals and papers for invited sessions are especially welcome. They should contain the title of the session, a list of at least 5 speakers and titles of their papers, together with papers completed according to the above instructions. Please address requests and questions to the NOC Chair, C.L. Chen, at CCL@ntu.edu.tw.

AdCONIP 2017 Proceedings will be included in IEEE Xplore and indexed by EI/Compendex. Extended versions of selected high-quality papers will be invited to submit to special issues in international journals including the *Control Engineering Practice*. Details will be posted through the conference website.

Venue

The symposium will be held at the **Howard Civil Service International House, Taipei, Taiwan.**
http://intl-house.howard-hotels.com/
No. 30, Sec 3, Xinsheng S Rd, Taipei

Information and Contact

Additional details and update on the symposium are available at http://AdCONIP2017.org.
Inquiries about the symposium may be addressed to CCL@ntu.edu.tw (**C.L. Chen, NOC Chair**) or jeffward@ntu.edu.tw (Jeff Ward, **NOC Secretary**)

Plenary Speakers

Richard Braatz Massachusetts Institute of Tech.
Advanced Control of Pharmaceutical Crystallization

Sigurd Skogestad Norwegian University of Sci & Tech.
Economic plantwide control

Jay H. Lee Korea Advanced Inst of Sci. & Tech.
Combined mathematical programming and stochastic optimal control approaches to multi-scale energy planning and scheduling problems

Jia-Yush Yen National Taiwan University
Corneal biomechanical model and intraocular pressure measurement

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