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## SUPPORTING ORGANIZATIONS



# ADCHEM 2018

10th IFAC Symposium on Advanced  
Control of Chemical Processes



## CONTACT

### ADCHEM Conference Secretariat

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**JULY 25-27, 2018**

**SHENYANG, LIAONING,  
CHINA**

[www.adchem2018.org](http://www.adchem2018.org)



# IFAC ADCHEM 2018: 10TH INTERNATIONAL FEDERATION OF AUTOMATIC CONTROL SYMPOSIUM

## ADCHEM 2018

Following the traditions of the previous ADCHEM symposia held in Toulouse (1991), Kyoto (1994), Banff (1997), Pisa (2000), Hong Kong (2003), Gramado (2006), Istanbul (2009), Singapore (2012), and Whistler (2015), ADCHEM 2018 in Shenyang will bring together researchers and practitioners from all over the world to facilitate discussions of recent developments in the control and modeling of chemical, biomedical, and other process systems.

Covering both theory and applications, the Symposium will provide an ideal opportunity for presenting new results and developments in:

- Model-based Control
- Modeling and Identification
- Scheduling and Optimization
- Big Data Analytics and Monitoring
- Batch Processes
- Process Applications
- Energy Processes and Control

ADCHEM is a triennial meeting of the International Federation of Automatic Control (IFAC). ADCHEM 2018 is sponsored by the IFAC Technical Committee on Chemical Process Control and co-sponsored by the IFAC Technical Committees on Non-linear Control Systems, Biosystems and Bioprocesses, and Fault Detection, Supervision and Safety of Technical Processes.

## SHENYANG, CHINA

Shenyang is the largest city of Northeast China and the economic and cultural center of Liaoning Province. It has the largest airport in the northeastern region of China, with direct flights to over 120 domestic cities and 20 flights to major Asian cities. The climate in July is between 21°C and 29°C. Tourist sites include the Imperial Palace, East Mausoleum, North Mausoleum, Nanguan Catholic Church, Benxi Water Cave, and the Marshal's Mansion. More information about Shenyang can be found at <https://en.wikipedia.org/wiki/Shenyang> or <http://www.chinahighlights.com/shenyang/>.

## CALL FOR PAPERS

Authors are encouraged to submit papers, invited sessions and pre-symposium workshops. All papers must be prepared in accordance with the publication requirements for IFAC meetings.

The length of draft papers is limited to 8 double-column pages, and final papers are restricted to 6 pages. Invited session proposals should include titles of 6 papers and a 1-page summary of the aim and the content of the invited session. If an invited session is not accepted, all corresponding papers will be evaluated individually as regular submissions. For pre-symposium workshops, 2-page proposals are required to include the topic, abstract, target audience, tentative schedule and presenters.

Six regular or invited paper submissions with high review scores will be selected as keynote talks. All papers will be accepted with the understanding that the authors will present them at the symposium. At least one author of every accepted paper will be required to register for the symposium before uploading the final version. For more information on how to submit, please visit:

[www.adchem2018.org](http://www.adchem2018.org)

### Important Deadlines

Submission of draft papers, invited sessions & workshops	30 SEP 2017
Acceptance Notification	31 JAN 2018
Submit final papers	31 MARCH 2018
Final program available	30 APR 2018

### Registration fees

Regular: 790 USD (690 USD before April 30, 2018), Student: 390 USD (or participants without conference duties; requires NOC approval).

## YOUNG AUTHOR PRIZE

A prize will be awarded to authors of one paper for which the first and presenting author is not older than 30 years of the age on July 25, 2018.

## IFAC COPYRIGHT CONDITIONS

All publication material submitted for presentation at an IFAC-sponsored meeting must be original and hence cannot be already published, nor can it be under review elsewhere. The authors take responsibility for the material that has been submitted. IFAC-sponsored conferences will abide by the highest standard of ethical behavior in the review process and author information and the authors will abide by the IFAC publication ethics guidelines.

Accepted papers presented at an IFAC meeting, will be published in the proceedings of the event using IFAC-PapersOnLine.net. To this end, the author(s) must confer the copyright to IFAC when they submit the final version of the paper through the paper submission process. The author(s) retain the right to use a copy of the paper for personal use, internal institutional use at the author(s)' institution, or scholarly posting at an open web site operated by the author(s) or their institution, limited to noncommercial use. Any other use of the paper requires approval by IFAC.

A **Special Issue of the Journal of Process Control** (an IFAC official journal) will be dedicated to include derivative publications of papers presented at this ADCHEM Symposium.

## NATIONAL ORGANIZING COMMITTEE

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