

# ADCHEM

## 2024

July 14-17, 2024

Toronto, Canada

[www.adchem2024.org](http://www.adchem2024.org)

## 2<sup>nd</sup> CALL FOR PAPERS

The ADCHEM 2024 Symposium will bring together scientists and engineers from academia and industry to facilitate a discussion of recent advances in the control of chemical, biochemical and related process systems. The Symposium, held every 3 years, is an excellent opportunity to present new directions and results, and exchange research ideas, with colleagues from across the globe. ADCHEM traditionally has a strong industrial participation. The conference is expected to have a significant impact on process manufacturing, with the confluence of advanced control theory, algorithms, data analytics, and digitalization.

ADCHEM 2024 will be held at the Hyatt Regency in Downtown Toronto's Entertainment District. Toronto is Canada's largest city and a world leader in such areas as business, finance, technology, entertainment and culture. You will find a friendly population, world-famous gastronomy, and an atmosphere of celebration!

The IFAC Foundation is providing funding to waive the registration fees of a number of young authors from developing countries. Details and an application form, may be found on the conference web site.

### Submission Categories

**Regular Papers:** 6 pages, up to 8 with extra page charge.

**Invited Sessions Proposals:** Proposals must describe a research topic in a one-page abstract and include titles, authors and abstracts of 6 papers by authors who agreed to submit an invited session paper on this topic. Proposers will be invited to chair the session if it is accepted.

**Invited Session Papers:** 6 pages, up to 8 pages with extra page charge. Submission requires a code provided by the organizers of the invited session.

**Industrial Extended Abstracts:** 2-6 pages, first and corresponding author must be from industry. Industrial Extended Abstracts will not be published in the proceedings.

**Journal of Process Control Special Issue:** Authors of up to 20 selected papers will be invited to contribute to a special issue of the Journal of Process Control.

### Key Dates (extended)

November 10, 2023	Invited Session Proposals due
November 17, 2023	Regular Papers, Invited Session Papers, and Industrial Extended Abstracts due
November 30, 2023	pre-conference Workshop proposals due
February 15, 2024	Notification of acceptance
March 31, 2024	Final submission of all contributions

### Areas & Scope

- Manufacturing Processes
- Model-Based Control
- Big Data Analytics and Process Monitoring
- Modeling and Identification
- Energy, Water, and Sustainability
- Scheduling and Optimization

### National Organizing & Int'l Program Committees

NOC Chair	Christopher Swartz
NOC Co-Chair	Kim McAuley
NOC VC Industry	Danielle Zyngier
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Accepted papers that have been presented at an IFAC meeting will be published in the proceedings of the event using the open-access IFAC-PapersOnLine series hosted on ScienceDirect (<https://sciencedirect.com/>). To this end, the author(s) must grant exclusive publishing rights to IFAC under a Creative Commons license when they submit the final version of the paper. The copyright belongs to the authors, who have the right to share the paper in the same terms allowed by the end user license, and retain all patent, trademark and other intellectual property rights (including research data)."