

ICA2017

instrumentation, control & automation

12th IWA Specialist Conference
on Instrumentation, Control and
Automation

11-14 June 2017
Québec City, Canada

First Announcement and Call for Abstracts

For the first time, in collaboration with the



The Conference

The ICA Specialist Group organizes quadrennial conferences. The first one dates back to 1973 in London and Paris. The most recent editions were in June 2009 in Cairns, Australia and in September 2013 in Narbonne, France.

The 12th IWA Specialized Conference on Instrumentation, Control and Automation (ICA) will provide a forum to exchange methodologies and international experiences on all aspects of sensor technology, instrumentation, control and automation for water and wastewater treatment and transport systems.

Advanced control is in high demand for water and wastewater systems. Indeed, ICA, often perceived as a hidden technology, is found in nearly all systems related to water supply and wastewater management. New internet-based developments like IoT and Big Data open up new opportunities for improved performance but at the same time may pose threats in terms of cyber security.

With further understanding and better exploitation of current and future capabilities, ICA technologies will continue to contribute to the optimization of water systems' performances in the years to come.

Conference Themes

- ◆ Sensors and instrumentation
- ◆ Modeling and simulation for control
- ◆ Control systems
- ◆ Detection and early warning systems
- ◆ Diagnosis systems
- ◆ Life cycle analysis
- ◆ Practical experiences with ICA
- ◆ Internet of things (IoT)
- ◆ Cyber security
- ◆ Big Data

Organizing & Scientific Committees

Chair: Peter Vanrolleghem, *Université Laval*

Vice-chair: Leiv Rieger, *inCTRL Solutions*

Announced soon at
www.ica2017.org/organization.



Co-located with ICA2017, WEF will host a 2-day Stormwater Seminar, June 15-16, on the use of smart systems/big data for innovative approaches to stormwater management. www.wef.org/seminars



Important Dates

Call for abstracts: September 15th, 2016

Deadline for extended (2p+2p) abstract submission: December 15th, 2016

Notification of acceptance: January 31st, 2017

Program release: February 28th, 2017

Deadline for full paper/revised abstract submission: April 30th, 2017

Register early!

Early bird registration opens February 28th, 2017 and closes April 30th, 2017

Registration fees

High-income countries

	Early bird	Regular
IWA-WEF members	\$ 790	\$ 890
Non-members	\$ 890	\$ 990
Students	\$ 490	\$ 590
Spouse	\$ 200	\$ 250

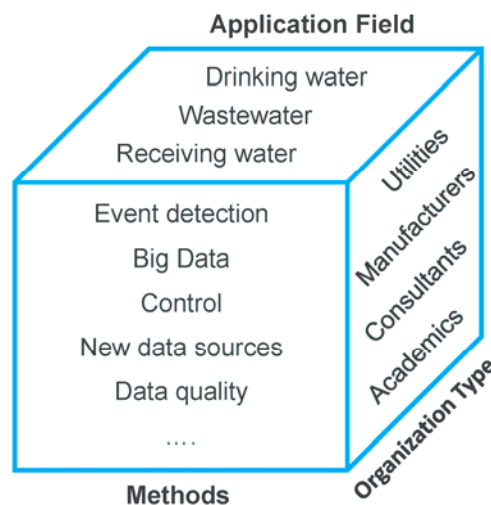
Low-income countries

	Early bird	Regular
IWA-WEF members	\$ 490	\$ 590
Non-members	\$ 590	\$ 690
Students	\$ 390	\$ 490
Spouse	\$ 200	\$ 250



Conference Organization

The conference will be organized such that we maximize the interactions between the participants along different lines. An innovative setup is proposed where participants get the opportunity to have in-depths discussions on methodologies within and across the various types of organizations and application fields.



Young Water Professionals

A pre-conference YWP workshop will be organized. Senior and young water professionals will jointly review the papers.

Contact

General inquiries:
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Visit our website:
<http://www.ica2017.org/>

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Practical Information

Québec City is one of the most appealing tourist destinations in North America and certainly worth a visit during the conference. Old Quebec is a UNESCO World Heritage treasure and the oldest walled city north of Mexico. The city boasts over 400 years of history, which can be explored on foot.

Quebec City has excellent travel connections with major hubs in North America. Multiple flights arrive at Quebec International Airport (YQB) daily. You will be able to book a connection directly into the city from Montreal, Toronto, Chicago, New York (Newark and JFK) or Philadelphia.



The conference will be hosted in the recently upgraded Québec City Congress Center, located just outside the walls of the old city.

