

First & Announcement Call for Papers

The 5th IWA Regional Conference on
Membrane Technology, IWA-RMTC 2016



22-24 Aug 2016
Kunming City
Yunnan Province
China



IWA
the international
water association

www.IWA-RMTC2016.org

Organizers



清華大學
Tsinghua University



同濟大學
TONGJI UNIVERSITY

Co-organizers

IWA Membrane Technology Specialist Group China Chapter
State Key Joint Laboratory of Environment Simulation and Pollution Control
State Key Laboratory of Pollution Control and Resource Reuse
Collaborative Innovation Center for Clean Water
Kunming University of Science and Technology
Beijing Key Laboratory of Industrial Wastewater Treatment and Reuse

Invitation

Over the past few decades, tremendous achievements have been made in the field of membrane technology for water and wastewater treatment. Currently, membranes are opening new era for wastewater treatment and water reuse, become the most economical technology to desalinate brackish and seawater, and are an important technology that can provide “absolute” barrier to protect public health when treating water for drinking quality. With a huge potential market for membrane technology, China has become one of the most active countries in scientific research and industrial applications in this field.

As membrane technologies are relatively new processes, the exchange of information and cross-collaboration between experts, scientists and practitioners are fundamental necessity to develop membrane processes, advance membrane treatment and widely spread knowledge on how to benefit people in all parts of the world by having access to basic as well as in-depth expert knowledge and global experience.

Following Moscow (2008), Istanbul (2010), Buenos Aires (2012) and Ho Chi Minh City (2014), Kunming City will be the meeting point for the 5th IWA Regional Conference on Membrane Technology in 2016. We sincerely invite you to Kunming to participate in this conference. This event will again provide a platform for participants to present results of the latest research, share industrial experiences, exchange opinions, and to expand horizons in the development of membrane technologies. It will also facilitate strengthening close professional linkages among membrane communities and water professionals.

Kunming, a “City of Eternal Spring” for its pleasant climate and flowers that bloom all year long, will welcome you. We look forward to meeting you in Spring City in late August 2016. With you and all the members of the organizing committee and the international scientific committee, we will make this conference a great success.



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About the Conference

This conference aims to advance knowledge and share experiences on membrane technology for water and wastewater treatment. It will provide an opportunity for water researchers, engineers and experts from colleges, institutes and firms to exchange information and results on the newest developments and applications of membrane technology.

This event, which is jointly organized by IWA, Tsinghua University and Tongji University, will be held in Kunming City from Aug. 22 to 24, 2016. The topics of this conference will cover all aspects of membrane technologies including novel membrane materials, fouling mechanisms and control, membrane process development and optimization, drinking water and wastewater treatment, desalination, resource recovery from wastewater, energy recovery from water and wastewater, and technology applications.

Major themes

- ◆ Novel membrane materials and configurations
- ◆ Hybrid membrane processes
- ◆ Drinking water treatment
- ◆ Domestic/industrial wastewater treatment
- ◆ Water reuse
- ◆ Resource recovery from wastewater
- ◆ Energy recovery from water and wastewater
- ◆ Desalination
- ◆ Membrane fouling mechanisms and control
- ◆ Case studies: membrane processes for drinking water and wastewater treatment

Conference sessions:

- ◆ Plenary session: Leading scientists will be invited to deliver plenary lectures.
- ◆ Parallel session: A number of invited keynote speeches and selected oral presentations based on novelty and quality will be delivered in this session.
- ◆ Graduate student session: The first author of an abstract (also the presenter) should be a graduate student. Best Oral Presentation Awards for Students will be awarded to individuals who make excellent research and outstanding presentations in this session.
- ◆ Industrial session: This is designed to provide a platform for end-users, operators and engineers from industrial field to share their experiences and views on membrane technologies. Speeches can be given either in Chinese or English [可以用汉语或英语交流].
- ◆ Poster session: A poster session is also organized to present high-quality research and successful industrial applications.

Call for papers

Authors are invited to submit an extended abstract of about two pages (A4), including figures and tables. Abstracts should be written in English whereas for Industrial Session abstracts either in Chinese or English is acceptable [工业界专场摘要可用汉语或英语书写]. Abstracts must be submitted online at <http://www.IWA-RMTC2016.org> before March 31, 2016. Authors are strongly suggested to refer to an abstract template that can be downloaded from conference homepage. Abstracts will be selected based on quality, originality, and relevance to the conference themes. All accepted papers will be included in the conference proceedings.

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Language

Official language of this conference is English. For the industrial session, speeches can be delivered either in Chinese or English [工业界专场可用汉语或英语交流].

About Kunming city

Kunming, capital city of Yunnan Province, lies at an almost-tropical latitude but its 2000 m (6600 ft) altitude gives it a very temperate climate. It is known as “the City of Eternal Spring” for its pleasant climate and flowers that bloom all year around. With a history of more than 2,400 years, it was the gateway to the celebrated Silk Road facilitating trade with Tibet and Sichuan domestically, and Myanmar, India and beyond.

Kunming is also well known for its beautiful and peculiar, breathtaking and unique natural landscape, such as the “First Wonder of the World”-- Stone Forest, Dianchi Lake, Golden Temple, Buddhist Bamboo Temple and so on. The famous village, Bamei Village, is like a paradise isolated from the hustle and bustle of the ordinary world. The city is also the focal point of Yunnan minority culture since 26 ethnic minorities such as Yi, Bai, Miao, Dai, and Hani inhabit this region.



International Scientific Committee

Roger Ben Aim	Institute for Filtration and Liquid Solid Separation, France
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Organizing Committee

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Xiang Zheng	Remin University of China
Bin Li	Kunming University of Science and Technology
Hongtao Zhu	Beijing Forestry University
Kang Xiao	University of the Chinese Academy of Sciences

Technical Visits

This conference will include technical visits to full-scale MBR plants for wastewater treatment.

Important Dates

March 31, 2016
Submission of extended abstract
April 30, 2016
Notification of abstract selection
Before June 30, 2016
Early bird registration

Contacts

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