

Announcement

3rd International IWA Conference on



International
Water Association

Automation in Water Quality Monitoring

Networks for

Surveillance, Early Warning and Process Control
Water Infrastructure Protection and Water System Security

Strategies and Techniques of

Real Time Water Quality Assessment

AutMoNet 2007

Ghent, Belgium, September 5-7, 2007

detailed and updated information:

<http://biomath.ugent.be/autmonet2007/>



Organisation

Biomath - Ghent University
Department of Applied Mathematics, Biometrics and Process
Control

Conference Venue

Monasterium Poortackere
Oude Houtlei 56
9000-Gent BELGIUM

General information

There still is an increasing need for water quality information systems in the complete water cycle, ranging from ground and surface waters over sewer systems to drinking water installations and wastewater treatment facilities. In order to discuss the state of the art and the future possibilities the main objective of the International IWA Conference on **"Automation in Water Quality Monitoring -AutMoNet 2007"** is to enhance the dialogue between water specialists, plant operators, chemists and instrument suppliers. This interdisciplinary dialogue is essential for the development of solutions for water quality management. An accompanying exhibition will present the state of the art.

Autmonet2007 is the third conference on monitoring and sensor technology in the water cycle after the series was initiated in 2002 with Autmonet2002 and continued in 2004 with Autmonet2004, both held in Vienna.

Who should attend?

Researchers, students and practitioners in water quality management, plant operators, chemical engineers, administrative staff, experts in sensor technology, telemetry, chemistry, companies active in instrumentation / process analysers.

Scientific committee

Richard Ashley (UK)	Gustaf Olsson (Sweden)
Bruce Beck (USA)	Wolfgang Rauch (Austria)
Lena Belia (Canada)	Leiv Rieger (Canada)
Jean-Luc Bertrand-Krajewski (France)	Manfred Schütze (Germany)
Won Kim Chang (Korea)	Ilse Smets (Belgium)
Martijn Devisscher (Belgium)	Henri Spanjers (The Netherlands)
Niki Fleischmann (Austria)	Jean-Philippe Steyer (France)
Michelle Frey (USA)	Ann van Griensven (The Netherlands)
Krist Gernaey (Denmark)	Henk Vanhooren (Belgium)
Harald Kainz (Austria)	Peter A. Vanrolleghem (Belgium)
Günther Langergraber (Austria)	Stefan Winkler (Austria)
Anders Lynnggaard-Jensen (Denmark)	Zhiguo Yuan (Australia)
Boris Mizaiikoff (USA)	

Proposed conference themes

Leading edge sensor technology

Emerging sensor technology providing new information; Standardization of techniques and instruments; Common sensors for the complete water cycle; Long term and continuous monitoring; Energy efficient monitoring; Monitoring xenobiotics and endocrine disruptors; Monitoring river/watershed water quality; H₂S monitoring in gas and liquid phase; Sewer monitoring; robotics

Design of monitoring systems

Optimal design of monitoring systems; Performance evaluation; Special demands for monitoring systems in remote areas and developing countries

Data to information transfer

Quality assurance of the entire measurement chain; Data management: format, medium, aggregation and reconciliation

Successful end-user applications

Industrial water management; Environmental monitoring: groundwater, surface water; On-line monitoring and inspection of sewer systems

Call for papers

You are invited to submit a manuscript on any of the conference subjects of interest. The selection of papers for oral presentations will be done by the Scientific Committee on the basis of an extended review process. The review process will be based on the full text of your contribution. Because of limited space for oral presentations, contributions of still good quality will be accepted for poster presentation.

Submission guidelines

The maximum length of a manuscript is 8 pages of A4 format. The formal arrangement of your manuscript should strictly follow the IWA guidelines for authors (see conference homepage).

The manuscript should be sent to autmonet2007@biomath.ugent.be (Subject: AutMoNet 2007: Submission for oral/poster presentation) in electronic form no later than **January 31, 2007**.

Registration fee

Standard:EUR 425
IWA members:EUR 325
Reduced fee (*):EUR 175

Early registration discount (deadline May 31, 2007) is EUR 50 for all categories. On-line registration and booking of accommodation will be available via the conference homepage.

(*) A reduced fee is available for participants from both lower middle and low income countries, as well as students. The classification of your country according to the World Bank list of economics is available at the conference homepage.

Deadlines and important dates

Submission of manuscripts (full paper, max. 8 pages):	January 31, 2007
Notification of acceptance:	April 30, 2007
Revised version of papers:	May 31, 2007
Early registration discount until	May 31, 2007

Organizing committee

Ingmar Nopens, Peter Vanrolleghem, Kris Villez,
Gurkan Sin, Henri Spanjers, Eveline Volcke
BIOMATH - UGent
Robin Temmerman
LabMET - Ugent
Peter Goethals
AECO - UGent
Stijn Van Hulle
Hogeschool West-Vlaanderen - Department PIH
Ilse Smets
CIT - KULeuven
Martijn Devisscher
Aquafin NV

Contact

Email: autmonet2007@biomath.ugent.be
detailed and up-to-date information: <http://biomath.ugent.be/autmonet2007>