

# ECO STP

EcoTechnologies for  
Wastewater Treatment

Technical, Environmental  
& Economic Challenges

Verona  
Italy, 23-25 June 2014



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



#### INVITATION

In 2012 the 1<sup>st</sup> IWA Specialized International Conference “EcoSTP” launched a novel holistic approach to the “new conceived wastewater treatment plants”. From 2013 the “Water2020” network is consolidating this approach by bringing together European leading water professionals to integrate the technological, environmental, energetic, economic and social factors of the wastewater treatment plants. Further to this growing interest of the new integrated perspective, which includes new processes and technologies considered together with emissions, economy and environmental analysis, we are delighted to invite you at the 2<sup>nd</sup> IWA Specialized International Conference “Ecotechnologies for Wastewater Treatment (EcoSTP2014)”. The objective of the Conference is to provide a common place for experts including engineers, scientists, economists and policy makers, to present their most recent technological and scientific outcomes. The Conference will serve as platform for exchange of experience and know-how among water professionals from academia, industry, utilities and public authorities and administrations.

*Francesco Fatone and Roberto Canziani  
On behalf of the EcoSTP2014 team*



#### Important deadlines

##### Date

15 April 2014  
20 April 2014  
23-25 June 2014  
26-27 June 2014

##### Event

Provisional conference program  
Early Bird registration deadline  
ecoSTP2014 conference sessions  
ecoSTP2014 workshops and technical tours



Organized by:



DICA - Env. Section



Local collaboration



Sponsor (to date)



Under the auspices of:



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Regione Lombardia



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Technical tours thanks to:



### Topics

- Innovative technologies and processes (wastewater, sludge and odours)
- Resources recovery (nutrients, energy, water, bioplastics, etc.)
- Plant Wide and Unit Process Modelling, Optimization and Control
- System integration
- Removal of industrial pollutants
- Biopollutants (viruses, pathogens, etc.)
- Emerging pollutants (pharmaceuticals, endocrine disruptors, etc.)
- Greenhouse gases emissions
- Economic aspects (operational costs, economical efficiency)
- Energy balance and energy savings
- Management tools (LCA, Carbon footprint, DSS, ecotoxicology, etc.)

### 245 Contributions from 41 Countries



### 2 Technical workshop

- Emerging Challenges For A Sustainable And Integrated Urban Water System Management - by SANITAS consortium ([www.sanitas-itn.eu](http://www.sanitas-itn.eu))
- Aeration & Energy Optimization – Current Theory & Practice - by DIEGO ROSSO and DANIEL NOLASCO

### Preliminary program

- 3 Plenary speeches
- 12 Keynote presentations
- 69 Platform presentations
- 54 Short presentations
- 12 Innovative case studies
- 100 Poster presentations
- 2 Technical workshops
- 3 Technical tours
- Young Water Professional activities

### Plenary speeches

- ✓ Water-Energy-Carbon Nexus in Water Reclamation, Reuse, and Wastewater Treatment by *Daniel Nolasco (Argentina) and Diego Rosso (USA)*
- ✓ Carbon recovery from wastewater through bioconversion into biodegradable polymers by Mauro Majone (Italy)
- ✓ Microbial production of electricity in wastewater treatment plants by *Abraham Esteve Nunez (Spain)*

### The venue



Palazzo della Gran Guardia  
– Opening Ceremony



University of Verona  
– Conference Sessions

### Technical tours



Città di Verona  
WWTP

Marghera and Fusina  
WWTPs

### Contact us

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Registration fee payments enquiries and invoices request

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### Registration fees

The conference fee will cover attendance at all sessions, morning and afternoon coffees/teas, lunches, welcome cocktail reception, programme and information pack. The accompanying person's registration (150 €) includes the cocktail reception, a guided visit to the city, wine tasting in a famous Valpolicella winery and the Gala dinner.

	Early Bird*	After April 20 <sup>th</sup>
IWA member	450	550
Non-IWA member	550	650
From low income countries	250	350
Students (younger than 27)	250	350
Accompanying person	150	150

\*For registrations confirmed and paid before the 20<sup>th</sup> of April. Accepted papers will be included in the conference proceedings only in case of complete registration by the presenting authors.

For further information about scientific program and sponsor opportunities please contact  
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