



## Innovative wastewater treatment and mathematical modelling

Palermo, Monday 16th – Thursday 19th May 2016

Università di Palermo

Dipartimento di Ingegneria Civile,  
Ambientale, Aerospaziale, dei  
Materiali (DICAM)



### Deadline for registration and fees

	Early Fee + VAT Until 15 April 2016	Late Fee + VAT Before 5 May 2016
GITISA	400 Euros	500 Euros
IWA Young Water Professionals	400 Euros	500 Euros
Non Member	500 Euros	600 Euros

The fee includes course materials, coffee breaks and lunches. The fee does not cover other meals and lodging. In the event of cancellation before April 10th 2016, a full refund will be granted, after this date, a 25% fee charge will be made.

### Location

Università degli Studi di Palermo,  
Viale delle Scienze, Building 8  
90128 Palermo, Italy

### Contacts

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### Information

<http://treatmentmodellingcourse.unipa.it>



## 2nd Advanced Course

## Innovative wastewater treatment and mathematical modelling

May 16-19, 2016 – Palermo, Italy





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#### What is about?

During the last years many advances have matured in wastewater treatment both in terms of processes and mathematical modelling approaches. For a new generation of new scientists and engineers entering/working in the wastewater treatment field, the quantity, complexity and diversity of these new developments can be overwhelming.

This second edition of the *Advanced Course on Innovative wastewater treatment processes and mathematical modelling* will provide a comprehensive overview and a discussion platform for recent advances and trends currently under development in the context of wastewater treatment.

#### Who can/should apply?

This course is aimed at professionals (Master, PhD or equivalent experience) in wastewater treatment and mathematical modelling with a basic working knowledge of the two other disciplines. The course is primarily aimed at those already employed in industry who wish to up-date their theoretical knowledge and practical insight in this field.

#### Language

English will be the official language and no translation will be available

#### Duration and period

Four days, Monday 16th – Thursday 19th May 2016

#### Related Research project

The course forms part of the research project PRIN2012: Energy consumption and GreenHouse Gas (GHG) emissions in the wastewater treatment plants: a decision support system for planning and management – <http://ghgfromwwtp.unipa.it>



#### Course Lecturers

Prof. George Ekama  
University of Cape Town, South Africa

Prof. Giorgio Mannina  
Palermo University, Italy

Prof. Hallvard Ødegaard  
NTNU, Norwegian University of Science and Technology, Norway

Prof. Gustaf Olsson  
Lund University, Sweden

Prof. Jiri Wanner  
Prague University, Czech Republic

Prof. Peter Vanrolleghem  
Laval University, Quebec City, Canada

#### Programme structure

The course duration is four days (8 hrs per day). During the whole duration attendants will have the possibility to discuss their individual research activity.

#### Organizers

Giorgio Mannina, Palermo University  
Michele Torregrossa, Palermo University  
Donatella Caniani, Basilicata University  
Giovanni Esposito, Cassino University  
Riccardo Gori, Florence University