

Speaker of Session Reynolds

SESSION TOPIC IN TURBULENCE



Qualified as Full Professor in Hydraulic Engineering; Associated Professor of Hydraulic Engineering and Fluvial Morphodynamics.

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Donatella Termini, Ph.D., received her Ph.D. in Hydraulics and Fluvial Hydraulics in 1996. In June 1997 nominated scientist of Hydraulic and Hydraulic Applications. In 1997 research fellow at the Queen's University - Kingston - Ontario (Canada). From 1998 to 2000 she was a post-doctoral researcher at DIIAA of Palermo's University. From May 2001 to December 2004 she was an assistant professor. Since January 2005

Associate Professor and since 2013 she also qualified as Full Professor in Hydraulic Engineering - Palermo's University (Italy).

Present research efforts include the investigation in fluvial hydraulics and eco-hydraulics (flow resistance, effect of vegetation, sediment transport, effects of bed roughness), prediction of river morphological evolution (meandering and braiding) both through experimental investigations and by the development of numerical simulation codes.

More than 150 papers published in proceedings of national and international congresses and in international scientific journals.

Leader or collaborator of national or EU research projects (FFR; CORI; "P.E.R.IM.A; "Hydroenergy". P.O.R. 2010; "Hazardous Floods Early Warning System"; SWATHE 2000)

Reviewer for many international journals

Guest Editor of the Journal Advances in Water Resources – Elsevier; Member of Editorial Boards (Nova Publisher, New York; IJMES; Earth Sciences); Member of International Associations (IAHR, EUROMECH, IAHS, iEMSS); Member Alumni DAAD

Research fellows:

2015 at IGB - Institute of Freshwater Ecology and Inland Fisheries, Berlin, IGB, Germany;

2007 at *Queen's University - Kingston - Ontario – Canada*;

1993 at *Queen's University - Kingston - Ontario – Canada*

AWARDS

- "2007 Karl Emil Hilgard Hydraulic Prize", by ASCE (*American Association of Civil Engineering* - <http://www.asce.org/templates/award-detail.aspx?id=614>) as author of paper which is judged to be of superior merit.

- GII-Idra 2010 Prize for best poster



