

4th International workshop on RIVER AND RESERVOIR HYDRODYNAMICS AND MORPHODYNAMICS

27th July 2015, IST Alameda Campus, Lisboa, Portugal

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8 ^{:00} -8 ^{:30}	Registration and Welcome	
8 ^{:30} -8 ^{:50}	Projects HypoVeg and Seditrans	Rui M.L. Ferreira
8 ^{:50} -9 ^{:15}	Rheological behaviour of granular media	Davide Monsorno (UCL)
9 ^{:15} -9 ^{:40}	Bedload fluxes: particle counting techniques and dynamics of particles at entrainment and deposition	Federica Antico (IST)
9 ^{:40} -10 ^{:00}	Effect of suspended sediment in compound channel flow. Design and operation of experimental facilities	Miltiadis Gymnopoulos (LNEC)
10 ^{:00} -10 ^{:30}	Discussion/Coffee Break	
10 ^{:30} -10 ^{:50}	Numerical investigation of rigid-bed flow and suspended sediment transport around cylinder	Teresa Paone (IST)
11 ^{:50} -11 ^{:15}	Large Eddy Simulation of Suspended Sediment Transport in Laboratory Scale	Mahmoud Jourabian (UniTr)
11 ^{:15} -11 ^{:40}	Friction slope evaluation from transient flows experiments over mobile bed	Ilaria Fent (UCL)
11 ^{:40} -12 ^{:05}	Numerical simulation of oblique oscillatory flow over bed ripples using the immersed boundary method	Iason Chalmoukis (UPat)
12 ^{:05} -13 ^{:00}	Lunch Break	
13 ^{:00} -13 ^{:25}	Large Eddy Simulation of flow over dunes laden with inertial particles	Efstratios Fonias (UCy)
13 ^{:25} -13 ^{:50}	Simulation of Two-phase incompressible flows using Level-set method	Charalambos Frantzis (UCy)
13 ^{:50} -14 ^{:15}	Experimental set up and instrumentation for sediment-laden density underflows	Jessica Zordan (EPFL)
14 ^{:15} -14 ^{:40}	Experimental characterization and numerical modeling of slide-induced submarine density flows	Maria-Angeliki Sfouni-Grigoriadou (FU)
14 ^{:40} -15 ^{:05}	Wall-layer Modelling LES with Sediment Transport	Foteini Kyrousi (IDR)
15 ^{:05} -15 ^{:35}	Discussion/Coffee Break	

15: ³⁵ -16: ⁰⁰	2D Sediment Transport Benchmarking	Carmelo JUEZ (EPFL)
16: ⁰⁰ -16: ²⁵	Prevention of Reservoir Sedimentation	Marina Launay (Stu)
16: ²⁵ -17: ⁰⁰	Discussion	
17: ⁰⁰ -17: ²⁰	<i>Guest:</i> to be announced	
17: ²⁰ -17: ⁴⁰	<i>Guest:</i> Modelling flows of fluid and granular material with SPH	Ricardo Canelas (IST)
17: ⁴⁰ -18: ⁰⁰	Wrap up and Closure	

Chill out

Co-Sponsored by

IAHR - International Association for Hydro-Environment Engineering and Research, in the scope of activities of the Fluvial Hydraulics Committee



and

APRH – Associação Portuguesa dos Recursos Hídricos, in the scope of the activities of the Specialized Commission for Fluvial Hydraulics (Comissão Especializada em Hidráulica Fluvial)



Registration and information

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Registration fee: 15 euros

Fees apply only to non-SEDITRANS, non-Hytech or non-Hypoveg members

Suggested accommodation

Hotel Turim Alameda

<http://www.turimalameda.com/>

Av. Rovisco Pais, 34, 1000-046 Lisboa, Portugal

Please send the reservation form by e-mail: groups@turimhoteis.com for

Ana Correia / Joana Paulo.