

IAHR UK Section Annual Technical Meeting and Young Persons' Paper Competition 2010

The IAHR UK Section Annual Technical Meeting and Young Persons' Paper Competition were held at the University of Birmingham on 16th September 2010. This year the meeting attracted sponsorship from MWH, United Utilities and HR Wallingford and following the previous years very well received event was again entitled ***"From Theory to Practice"***. The attendance this year was slightly lower, with around 40 delegates. A list of titles and speakers are provided below and pdf versions of the presentations are available on the IAHR web pages (see: www.iahr.net/site/about/organisation/national/bdy_chap_uk.htm).

"Probabilistic coastal flood forecasting"

Nigel Tozer (HR Wallingford Ltd)

"Integration of river, surface and sewer flow models: a novel approach to flood risk modelling, designed to meet the needs of the Floods and Water Bill" - Claire Underhill (MWH Soft)

"Development of a risk based procedure and supporting tools for urban drainage (DtiSAM)"

Yannick Cesses (HR Wallingford Ltd)

"Supercritical flows - design and reality"

Viktor Pavlov (Atkins)

"Comparison Between Theoretical Wastewater Fine Screen Headlosses and those Observed in Practice" – Kevin Bjork (United Utilities)

The programme covered aspects of hydraulic research and applications to riverine, urban drainage and coastal flow situations, this year presented by experts from consultants and water utilities. Feedback from the delegates was extremely positive and the UK Committee are seeking offers to host the event and deliver presentations at next year's event. The final of the Young Persons' Paper Competition was also held on the day and details of the finalists are given below with photographs showing the prize giving.

Industry Section



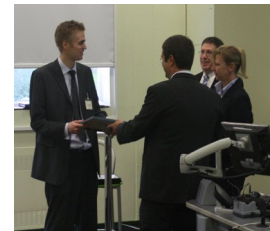
Winner £400 - Mr K. Shaad
(Halcrow)

"Adapting Rapid Flood Inundation Models For Real Time Flood Risk Forecasting In Dynamic Systems"



Runner-up £300 - Mr C. Cantelmo
(HR Wallingford Ltd.)

"Soil Interaction And Excess Wave Pressure In Rubble Mound Breakwater"



3rd Place £50 Mr S. Riisnaes
(MWH)

"Hydraulic Design Of Attenuation Systems For Small Scale Wastewater Treatment Applications"

Academic section



Winner £400 - Mr I.D. Chandler
(University of Warwick)

"Quantifying Hyporheic Exchange Coefficients Using The Erosion-System"



Runner-up £300 - Mr B. Evans
(University of Exeter)

"Simulating the influence of key surface features beyond the resolution of grid data in 2D flood modelling"



3rd Place £50 - Ms T. Chen
(University of Warwick)

"Numerical Investigation Of Guide-Plate Induced Pressure Fluctuations On The Guide Vanes Of The Three Gorges Turbine"

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