

Hydroinformatics

The term 'Hydroinformatics' was introduced by Professor Michael Abbott of UNESCO-IHE in his seminal 1991 publication. With its origins in computational hydraulics, hydroinformatics was established as a technology born out of the beneficial integration of numerical modelling and communication and information technology devices and computer sciences to solve water-related problems. It has both a technological and a social dimension, ranging from the analysis of data from the real world to building and operating safe and reliable computational models, and to the development and implementation of decision support systems.

During the last 10 years Hydroinformatics became a recognised field of technology, research and education. Major technological institutions have taken this technology on board, Hydroinformatics systems are coming to the offices of consultants and water managers, and more and more Masters courses carrying this title appear in various countries. In 2009 the 8th International Conference on Hydroinformatics will be held. Hydroinformatics is clearly in transition from its experimental and pioneering phase to being a widely accepted and recognised technology and an important area of research.

There is also a transition at the place where the foundation for Hydroinformatics was laid: UNESCO-IHE Institute for Water Education in Delft. Professor Roland Price who was leading the Core of Hydroinformatics for more than 10 years has retired in 2007, and Professor Dimitri Solomatine has taken over his position.

On the occasion of the Inaugural Address of Professor Dimitri Solomatine and Valedictory address of Professor Roland Price, UNESCO-IHE organises a 1-day Symposium 'Hydroinformatics in Transition'. Prominent speakers from academia and industry are invited to speak as well.

UNESCO-IHE
Institute for Water Education



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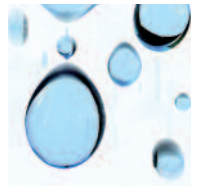
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INVITATION 16 MAY 2008

UNESCO-IHE, Delft

Symposium Hydroinformatics in Transition



Valedictory address of Professor Roland Price

Inaugural address of Professor Dimitri Solomatine



UNESCO-IHE
Institute for Water Education



SYMPOSIUM

Hydroinformatics in Transition

Chair: Prof. Arthur Mynett, Deltares/UNESCO-IHE

MORNING 9.00 - 12.30

Prof. Richard A. Meganck,
Rector of UNESCO-IHE:
Welcome

Jan Luijendijk,
Head of Department of Hydroinformatics and
Knowledge Management, UNESCO-IHE:
Introduction

Prof. Arthur Mynett,
Deltares/UNESCO-IHE:
Day Introduction

Prof. Paul Samuels,
HR Wallingford, Technical Director:
Hydroinformatics and flood management

Dr. Evzen Zeman,
DHI Group, Managing director:
**Applied Hydroinformatics in developing
countries**

Coffee Break

Prof. Huib de Vriend,
Deltares/Delft Hydraulics, Research Director:
**Hydroinformatics: from knowing to
understanding**

Dr. David Fortune,
Wallingford Software, Director of Products:
Hydroinformatics in the real world

Short Break

Prof. Roland K. Price,
Professor of Hydroinformatics, UNESCO-IHE:
Valedictory address
Hydroinformatics in retrospect

Lunch, 12:30 – 14:00

AFTERNOON 14.00 - 16.45

Prof. Michael Abbott,
Emeritus Professor of UNESCO-IHE, creator of
Hydroinformatics:
From quantities to qualities in Hydroinformatics

Prof. Dr. Ian Cluckie,
University of Bristol:
**Whole system modelling – the future of
Hydroinformatics**

Prof. Dragan Savic,
University of Exeter:
Urban water engineering and Hydroinformatics

Coffee and Break, 15.30 – 16.00

Prof. Dimitri Solomatine,
Professor of Hydroinformatics, UNESCO-IHE:
Inaugural address
**Hydroinformatics: observations, models and
computational Intelligence**

Reception, 16.45 – 18.00

Dinner for invited guests, 18.30 – 21.00

VALEDICTORY ADDRESS

INAUGURAL ADDRESS

The Rector of the UNESCO-IHE Institute for Water Education,
Prof. Richard A. Meganck, PhD, has the pleasure to invite you to:

the **Valedictory Address** of

Roland K. Price, PhD, MSc, Professor of Hydroinformatics

on the subject of

HYDROINFORMATICS IN RETROSPECT

on Friday the 16th of May 2008, at 11.45 hrs,

the **Inaugural Address** of

Dimitri P. Solomatine, PhD, MSc, Professor of Hydroinformatics

on the subject of

HYDROINFORMATICS: OBSERVATIONS, MODELS AND COMPUTATIONAL INTELLIGENCE

on Friday the 16th of May 2008, at 16.00 hrs,

both in the Auditorium of UNESCO-IHE, Westvest 7, Delft.
There will be a reception in the restaurant of UNESCO-IHE, beginning at 16.45 hrs.
The dinner for invited guests will start at 18.30 hrs.

RSVP to j.bult@unesco-ihe.org if you are planning to attend.