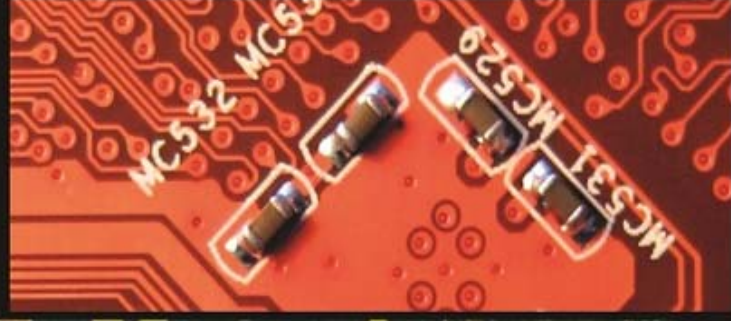


# International Workshops on Intelligent Water Grids (IWG)

March 16-19, 2013. LUMS, Lahore, Pakistan

<http://www.lums.edu.pk/iwg/>



## Keynote Speakers

Mr Shamsul Mulik  
*Former Chairman WAPDA*  
Dr Nadeem ul Haque  
*Planning Commission of Pakistan*  
Mr Sartaj AZIZ  
*Former, Minister of State, Pakistan*  
Dr Erik Weyer (confirmed)  
*University of Melbourne, Australia*  
Dr David Wiberg (confirmed)  
*Water Group, IIASA, Austria*  
Dr Axel Sikora (confirmed)  
*UAS Offenburg, Germany*  
Dr Torsten Schneider (confirmed)  
*UAS Offenburg, Germany*  
Dr Tonny de Vries (confirmed)  
*University of Canterbury, New Zealand*

## Contexts

Pakistan's water scenarios  
Water rights and water law  
Water policy  
Trans-boundary issues  
IWRM  
Climate change impact  
Global water futures  
Sustainable development  
Ecosystems

## Topics

Hydrological sensor networks  
Control of water networks  
Smart water meters  
Underwater sensing  
Underwater communication  
Micro- & Pico- hydro power  
Energy harvesting  
Low power embedded systems  
Decision support systems  
Data assimilation  
Uncertainty quantification  
Hydro-informatics

## Program

March 16, 2013  
Symposium on Pakistan's  
Water Futures  
March 17-18, 2013  
DAAD Workshop on Sensing &  
Control of Water Networks  
March 18, 2013  
IWMI Workshop on  
Hydro-informatics  
March 19, 2013  
Tutorials

## Organizers

### Patron

Dr Ishfaq Ahmad,  
Former Advisor S & T, Govt. of Pakistan

### General Chair

Dr Adil Najam, Vice Chancellor LUMS

### Event Secretary

Dr Abubakr Muhammad, LUMS

### Organizing Committee

Dr Shahid Masud, LUMS (Chair)

Dr Jahangir Ikram, LUMS

Dr Naveed Arshad, LUMS

Mr Sarwar Nazir, NCP

### Steering Committee

Dr Arif Anwar, IMWI Pakistan (Chair)

Dr Axel Sikora, UASO, Germany

Dr Su Ki Ooi, NICTA, Australia

Dr Shoab Raza, PIEAS, Pakistan

