

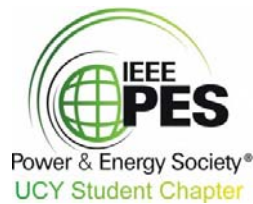


# INVITATION

Project reference number:  
**ΤΠΕ/ΟΡΙΖΟ/0311/20**

Project Title:  
**The Use of Telecommunications and GPS Technology for the Real-Time Wide-Area Monitoring and Control of Power Systems**

## WIDEVIEW



**KIOS Research Center**  
for Intelligent Systems and Networks  
A University of Cyprus Research Center



The KIOS Research Center of the University of Cyprus, invites you to the workshop of the project "The Use of Telecommunications and GPS Technology for the Real-Time Wide-Area Monitoring Power Systems" that will take place on 13/03/2013 at the University of Cyprus room A008 at 75, Kallipoleos street (old campus). At the workshop, the partners will present their research results on this project that is funded by the Cyprus Research Promotion Foundation within the context of the ΤΠΕ/ΟΡΙΖ/0311 (BIE).

## WORKSHOP PROGRAM

- 17:00 - 17:05 *Introduction to the workshop-Overview of the project objectives*  
Elias Kyriakides, Assistant Professor, UCY
- 17:05 - 17:25 *Extending OpenPDC into a versatile Data Concentrator for synchronized measurements*  
Mihaela Albu, Professor, UPB
- 17:25 - 18:05 *Low Voltage Operating Conditions and Response of Synchrophasor Measurement Units for Power Quality Measurements*  
Gerald T. Heydt, Regents' Professor, ASU
- 18:05-18:20 *Discussion*

**Prof. Gerald T. Heydt** received the BEEE (1965) degree from the Cooper Union. His MSEE (1967) and PhD (1970) degrees are from Purdue University, West Lafayette, Indiana. Dr. Heydt has industrial experience with the Commonwealth Edison Company in Chicago, and E. G. & G. in Mercury, Nevada. At E. G. & G. he worked in the instrumentation of electric power systems and the control of power systems. He also has worked with the United Nations Development Program in various positions around the world. He spent about 25 years with the faculty at Purdue University where he was a Professor of Electrical Engineering. In 1994, Dr. Heydt took a position as Professor of Electrical Engineering at Arizona State University, Tempe, Arizona. He is the site director of the Power Systems Engineering Research Center at ASU and also the site director of a National Science Foundation engineering research center, the Future Renewable Electric Energy Distribution and Management center. Dr. Heydt is the author of two books, one on electric power quality, and the other on computer analysis of power systems. He is a registered professional engineer in New Jersey and Indiana, a Life Fellow of the IEEE, and a member of the National Academy of Engineering. In 2002, Dr. Heydt was elevated to the rank of Regents' Professor at ASU. This is the highest professorial rank in the university. Dr. Heydt's main interests are: electric power quality, transmission and distribution engineering, power systems modeling and computer control, and the dynamic response of electric power systems. Dr. Heydt has received numerous awards, including the 2010 IEEE Richard Kaufmann Award for his work in power distribution systems and the IEEE PES Outstanding Power Engineering Educator award in 1995

**Prof. Albu** graduated in 1987 from the Power Engineering School of the "Politehnica" University of Bucharest (U.P.B.). In 1998 she obtained the PhD from the same university with a thesis on "Electromagnetic Transients on HV Aerial Lines with Application to Digital Distance Protection Design". Since 2002 she is a Professor of Electrical Engineering. Her research interests include active distribution networks, DC microgrids, power quality, instrumentation, and remote experimentation embedded within on-line laboratories. She is a senior member of the IEEE and volunteers for the IEEE Instrumentation and Measurement Society, where she serves in the Administrative Committee as Vice President of Technical Committees and Standards. Recent publications report work on synchronized measurements and state estimation.