Welcome to the REV2008 Conference!

Current REV newsletter highlight:

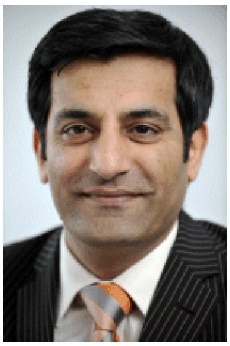
Keynote address by Rahman Jamal

Virtual Instrumentation throughout the Years: From GPIB to PCI to Multicore & Real-Time

Abstract:
The success of Virtual Instrumentation began in the laboratories. The focus had been on instrument control. Through GPIB we achieved time improvements for test. Later on, the power of the PC increased and now all analysis and control took place there. Moore's law helped to increase the power of the entire system. But lately Moore's law reached its limits as the speed of processors could not increase any further. At this time, multicore systems emerged. Engineers face the challenge to take the full advantage of the performance of such architectures. Graphical system design can help to develop effective test and measurement systems. The same design paradigms can be applied to real-time and embedded systems.

This keynote will take us from the past to our present time and on to the future of Virtual Instrumentation.

Short biography:



After graduating in Electrical Engineering (main subject Communications Engineering) from the University of Paderborn, Rahman Jamal joined the newly founded National Instruments Germany GmbH and participated decisively in its development. Today he holds the position of Technical and Marketing Director. He is the author of numerous books and articles on measurement and automation technology. Moreover, he is actively involved in several committees such as the OPC Foundation Europe as well as the German Commission for Electrical, Electronic and Information Technologies of DIN (German Institute for Standardization) and VDE (Association of Electrical, Electronic and Information Technologies).

For 30 years, National Instruments has revolutionized the way engineers and scientists in industry, government, and academia approach measurement and automation. Leveraging PCs and commercial technologies, virtual instrumentation increases productivity and lowers costs for test, control, and design applications through easy-to-integrate software, such as NI LabVIEW, and modular measurement and control hardware for PXI, PCI, PCI Express, USB, and Ethernet. (from NI Webpage).

Read more about National Instruments:

- Homepage of National Instruments
  http://www.ni.com/

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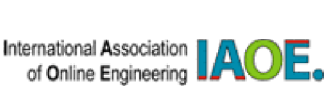

- **Have a look at**
  - **ICL2008 , 24 - 26 September 2008 in Villach, Austria**
  - **IMCL2008 , 16 - 18 April 2008 in Amman, Jordan**
  - **ICBL2008 , 03 - 05 November 2008 in Florianopolis, Brazil**
  - ***iJOE* - International Journal of Online Engineering**

Important dates

April 06, 2008 (extended): Proposals for workshops, tutorials, demos, exhibitions
April 25, 2008: Notification of acceptance
June 01, 2008: Camera-ready due
June 23/25, 2008: Conference REV2008

For your planning

REV2008 will be held in Bridgeport, USA, June 2009