

Abstract:

Hany Ayesh, District Manager for National Instruments in Eastern GCC, will present an overview of the Virtual Instrumentation (VI) platform based on LabVIEW, a leading edge graphical programming language, and a wide range of modular and scalable hardware for data acquisition, automated test and control applications. Virtual Instrumentation is being widely used by scientists and engineers for teaching, research and industrial applications in domains like:

- Measurements and Instrumentation**
- Distributed and Real-Time Control**
- Embedded Systems, Control Design and Simulation**
- Signal Processing and much more...**

Deployed on desktop personal computers, real-time programmable automation controllers and FPGA's. Virtual Instrumentation is leading the way to numerous innovative and reliable solutions every day. With practical demos and case studies we will show how Virtual Instrumentation has become an indispensable and very effective toolset for world leading scientists and engineers.