NIWeek 2012 Keynote Quote Sheet

Day 2—Presented by Jeff Kodosky and Shelley Gretlein

Wednesday, August 8, 2012

"Professional programmers build parallel software systems using threads, mutexes, and text-based sequential programming languages. Really? Is this the best we can do? Well, actually, there is a better way and it is called graphical system design—using the parallel graphical notation of LabVIEW to design systems."
Jeff Kodosky, Co-Founder and NI Fellow, National Instruments

"The vector signal transceiver development team has achieved a major milestone and, in the process, kicked off the next revolution in instrumentation. All the software is written in LabVIEW. They have proven by construction that LabVIEW is capable of designing the highest performance instrumentation on the planet. It has never been more true that the software is the instrument."
Jeff Kodosky, Co-Founder and NI Fellow, National Instruments

"The ruggedness of CompactRIO made it perfect for the harsh tropical environment. And the fact that we achieved less than 1 percent downtime over the past two years is another reason we use CompactRIO for our remote monitoring stations."
Mark Kubis, Senior System Designer, SERIS

"The last great exploration is to survive on earth. And the heroes and heroines of that exploration are sitting right in front of me now. It's in your hands as engineers."
Sir Robert Swan, Polar Traveler and UN Goodwill Ambassador

"Many of you know that almost 10 years ago, we introduced the LabVIEW FPGA Module, which is absolutely a step function of productivity and a type of high-level synthesis. But of course we didn't want to stop there. We continue to look at technologies. We continue to work with technology partners like Xilinx to look at the latest technologies out there because we want to expand and grow the possibilities for what LabVIEW FPGA can do for all the systems designers in the space."
Shelley Gretlein, Director of Software Marketing, National Instruments

"The impact of solving some of these issues is so great that as tool providers, we're empowering engineers and scientists that are working on these problems. Just like when CERN set out on the journey to build the largest instrument on earth, LabVIEW and PXI were there. And when just a little over a month ago they discovered the Higgs boson, LabVIEW was there. Just on Sunday, JPL and NASA and the Curiosity rover, and LabVIEW was there as well. Those potential impacts and some of this research is why National Instruments wants to ensure that we're providing the tools to measure, control, prove, or disprove anything that's out there."
Shelley Gretlein, Director of Software Marketing, National Instruments

NATIONAL INSTRUMENTS
11500 North Mopac • Austin, TX 78759-3504 USA
Tel: (800) 433 3488 • Fax: (800) 683 9300
info@ni.com • ni.com