

NIWeek 2011 Day 2 Keynote Quote Sheet

25 Years of LabVIEW

Jeff Kodosky, NI Cofounder, Fellow, and Father of LabVIEW, National Instruments

Meeting Engineering Grand Challenges for the Future

Shelley Gretlein, Director of Software Marketing,
National Instruments

Wednesday, August 3, 2011
8:30–10:00 a.m.

“On the platform side, LabVIEW’s comprehensive integration of analog and digital I/O and sophisticated platform timing capabilities have enabled domain experts to build complete high-performance measurement systems in a fraction of the time it takes with traditional tools.”

Jeff Kodosky, NI Cofounder, Fellow, and Father of LabVIEW, National Instruments

“LabVIEW development is continuing at a faster pace with a larger team than ever before. Our investment in software R&D is unmatched in our industry.”

Jeff Kodosky, Fellow and Father of LabVIEW, National Instruments

“During the next 25 years, LabVIEW will define and deliver on the vision of graphical system design – using interactive graphics and natural user interfaces to speed the design, prototyping, and deployment of all kinds of measurement and control systems.”

Jeff Kodosky, Fellow and Father of LabVIEW, National Instruments

“Our goals really remain the same, however: deliver greatly increased productivity to help engineers and scientists accelerate their innovation and discovery.”

Jeff Kodosky, Fellow and Father of LabVIEW, National Instruments

“Today, I am just as excited about the potential, and I still don’t see the limits of what could be done with LabVIEW. But now I’m just hoping I live long enough to see what we can achieve in the next 25 years.”

Jeff Kodosky, Fellow and Father of LabVIEW, National Instruments

“In exploring these [engineering grand] challenges, I’d like you to imagine with me a different future – imagine engineering actually solving these grand challenges to make the world a better place, full of sustainability, health, vitality, and the joy of living. Together, we must seek ways to put knowledge into practice to make the world a better place. Per the academy (National Academy of Engineering), we must apply the rules of reason, the findings of science, the aesthetics of art, and the spark of creative imagination so that you – engineers – can forge a better future.”

Shelley Gretlein, Director of Software Marketing, National Instruments

“We developed a new, low-power wireless strain node, which brings full strain gage signal conditioning as well as hardware-timed waveform data acquisition to the low-power WSN platform, making it ideal for static and dynamic monitoring applications. This node also joins new serial I/O nodes, which are used to interface to RS232- and RS485-based sensors and devices. And then we’re also very excited to announce a new C Series WSN gateway that allows you to very easily and cleanly integrate a WSN wireless system directly into a CompactRIO system.”

David Potter, Market Development Manager, National Instruments

“NI is confident that the cloud, with its nearly infinite storage computing power, is going to play a key role in science and engineering in the future. That’s why I’m pleased to announce that NI is hard at work on a new cloud service called Technical Data Cloud that’s going to be available this fall. With Technical Data Cloud, LabVIEW programmers, or really programmers using any programming language, will be able to easily and securely send their data to the cloud and store it there and then access it.”

Michael Neal, LabVIEW Group Manager, National Instruments

“LabVIEW is the most powerful touch-ready language on the planet.”

David Fuller, Director of LabVIEW, National Instruments

“The LabVIEW team, which is a scooch larger than the original LabVIEW 1 team, has embraced the audacious vision that Jeff K. and Dr. T have put in front of us. We would really like to thank you for all of the inspiration that you give us through the problems that you’re solving today and the problems that we know you’re going to solve in the future.”

David Fuller, Director of LabVIEW, National Instruments

“Of all the grand challenges, we – National Instruments – we own this one [engineer the tools of scientific discovery]. We are committed to doing our part. We will equip you with the tools of scientific discovery. LabVIEW is and will continue to be the ultimate system design software that provides you with all the tools needed to create and deploy better measurement and control systems.”

Shelley Gretlein, Director of Software Marketing, National Instruments

“Today, together, we will engineer a path to better.”

Shelley Gretlein, Director of Software Marketing, National Instruments



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