

## Bloomy Controls, Customers Honored at NIWeek 2003

Bloomy Controls with the help of some of our customers took home a few awards from the NIWeek 2003 Best Applications of Virtual Instrumentation paper contest in August. The following papers, judged by technical publication editors and National Instruments experts, were selected from among 93 entries to be the most technically challenging, innovative, and cost-effective computer-based measurement and automation applications:

- Best in Category/Communications: “DWDM Filter Test System” by Peter Blume, Bloomy Controls; and Robert Breidenthal, Precision Optics Corp., describes how the companies automated a labor-intensive dense wavelength division multiplexed filter test, increasing test throughput by up to 10X.
- Semifinalist/Manufacturing Functional Test: “TestStand and LabVIEW Automate PCB Functional Test for Lifeline Systems Telephone and Communicator” by Greg Burroughs and Matthew Kennedy, Bloomy Controls; and Elaine Bailey, Lifeline Systems Inc., describes how the companies implemented a printed circuit board functional test system that increased test throughput by up to 35% over the original tester.
- Semifinalist/Manufacturing Functional Test: “Parallel Testing of Pneumatic Modules Using LabVIEW and SCXI” by Keith Brainard, Bloomy Controls, describes how a customer reduced manual procedures involved with testing electro-pneumatic modules, cutting test times by up to 85%.

Congratulations to the authors, and thanks to our customers for their support and the opportunity to work on these projects.

NI also invited Bloomy Controls to present the following presentations at NIWeek 2003:

- “Five Techniques for Better LabVIEW Code” by Peter Blume
- “Applying UML to TestStand and LabVIEW” by Matthew Kennedy. ↪

*Read the papers and view the presentations at [www.bloomy.com/resources.htm](http://www.bloomy.com/resources.htm).*



*(from left) Peter Blume and Dr. James Truchard, NI CEO*



*(from left) Elaine Bailey, Lifeline Systems; Matthew Kennedy; and Truchard*