Register today for this free event at australia.ni.com/devdays and nz.ni.com/devdays
LabVIEW | Developer Days

LabVIEW Developer Days from National Instruments offers introductory, intermediate and advanced technical sessions designed to help you improve your product skills, knowledge and productivity using NI LabVIEW software. Learn from in-depth presentations and product demonstrations, and network with colleagues and engineers.

9 a.m.—12 p.m. Introductory Sessions

During this seminar you can:
- Discover the NI LabVIEW graphical system design environment
- Learn how to build your first LabVIEW application
- Learn basic programming architectures for efficient measurement systems

1 p.m.—4 p.m. Intermediate and Advanced Sessions

Increase your expertise by learning about:
- New Software technologies in LabVIEW 2012
- Programming Architectures and Best Practices for LabVIEW 2012
- Tips and Tricks to speed LabVIEW Development

Who Should Attend?

Engineers, scientists and programmers who want to learn NI software basics from building their first LabVIEW application to performing data acquisition and analysis.

Who Should Attend?

Engineers, scientists and programmers who want to improve their skills with NI software beyond the basics, from data acquisition and analysis to application architecture design and network communication.

Register now at australia.ni.com/devdays and nz.ni.com/devdays
### Agenda

#### Introductory Sessions

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
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<tbody>
<tr>
<td>8:30</td>
<td>Registration</td>
</tr>
<tr>
<td>9:00</td>
<td>Introduction to the LabVIEW Platform</td>
</tr>
<tr>
<td>9:45</td>
<td>Analysis and Signal Processing in LabVIEW</td>
</tr>
<tr>
<td>10:45</td>
<td><strong>Morning Tea Break</strong></td>
</tr>
<tr>
<td>11:00</td>
<td>Using LabVIEW Templates and Sample Projects for Desktop Applications</td>
</tr>
<tr>
<td>12:00</td>
<td><strong>Conclusion of Introductory Sessions</strong></td>
</tr>
<tr>
<td>12:05</td>
<td>Optional Certified LabVIEW Developer Exam (CLAD)</td>
</tr>
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#### Intermediate and Advanced Sessions

<table>
<thead>
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<th>Time</th>
<th>Topic</th>
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</thead>
<tbody>
<tr>
<td>12:30</td>
<td>Registration</td>
</tr>
<tr>
<td>1:00</td>
<td>What’s New in LabVIEW 2012</td>
</tr>
<tr>
<td>2:00</td>
<td>Advanced Design Templates and Sample Projects</td>
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<tr>
<td>3:00</td>
<td><strong>Afternoon Tea Break</strong></td>
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<tr>
<td>3:20</td>
<td>Tips and Tricks to Speed LabVIEW Development</td>
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<tr>
<td>4:00</td>
<td><strong>Conclusion of Intermediate and Advanced Sessions</strong></td>
</tr>
<tr>
<td>4:15</td>
<td>Certified LabVIEW Developer Exam Preparation (CLD)</td>
</tr>
</tbody>
</table>

Given the nature of the content, we strongly recommend that you attend either the morning or afternoon sessions. Places are limited, so reserve your place early to avoid disappointment.

To register, please visit us at [australia.ni.com/devdays](http://australia.ni.com/devdays) or [nz.ni.com/devdays](http://nz.ni.com/devdays)
Session Descriptions - Beginner Track

Introducing the LabVIEW Platform
Take a demo-centric tour through the LabVIEW platform and find out why graphical programming is used by tens of thousands of engineers across the globe. Discover how LabVIEW leverages the latest technological advances to help you increase productivity and lower costs for test, control and design applications.

Introduction to Data Analysis and Signal Processing with LabVIEW
LabVIEW offers hundreds of native data analysis and signal processing functions. Learn how to add in-line analysis and off-line processing to your application quickly and effectively.

Using LabVIEW Templates and Sample Projects for Desktop Applications
LabVIEW 2012 features new templates and sample projects that can be used as the building blocks for new applications. This seminar will dive deep into the design of some of the desktop templates, including state machines and queued message handlers.

Certified LabVIEW Associate Developer Exam
Take your Certified LabVIEW Associate Developer (CLAD) examination during the conference.

Pre-register now to take the exam on the day at australia.ni.com/devdays and nz.ni.com/devdays
What’s New in LabVIEW 2012
LabVIEW 2012 software adds programming and productivity features to help you improve your application efficiency and performance. Attend this session to learn the new LabVIEW features and understand the National Instruments vision for the LabVIEW platform.

Tips and Tricks to Speed LabVIEW Development
Learn some simple techniques that can help you code more quickly. Learn about little known LabVIEW features, advanced functions and other tools that can help save you development time.

LabVIEW 2012 Advanced Design Templates and Sample Projects
This session will focus on the more complex templates and sample projects, and explain the decisions behind the design, including the Actor Framework.

Certified LabVIEW Developer Exam Preparation
During the Certified LabVIEW Developer (CLD) Exam Preparation you will learn about exam objectives, logistics and resources; exam format and evaluation criteria; useful technical information, including development guidelines, tips and recommendations. You will get an insight into the sequencer theme that CLD exam projects are based on, the LabVIEW design patterns and the timing methods that are suited to handle these projects.
In addition to local NI Engineers and LabVIEW experts, National Instruments Oceania is pleased to announce that Mike Neal, Core Software Group Manager will be visiting Australia and New Zealand and will be presenting at the 2013 NI LabVIEW Developer Days events:

**Speakers**

**Michael Neal**, Group Manager  
*Core Software Product Management Team*

Mike holds both a B.S (Structural Engineering) and M.S (Biomedical Engineering) from the University of Texas at Austin. After joining NI as an Applications Engineer in 2003, Mike moved to the position of LabVIEW Product Manager in 2004 and then Senior Product Manager in 2007; positions which saw him responsible for coordinating several LabVIEW releases (including Beta programs) and as a product owner for numerous LabVIEW technologies including the Project Explorer, Project Library, Application Builder, VI Analyzer, LabVIEW Mobile Module, LabVIEW Touch Panel Module, LabVIEW for Mac OS X and Remote Panels.

In 2011 Mike took up the position of Group Manager, Core Software Product Management Team, where he supervises product managers for LabVIEW, LabWindows®/CVI, Measurement Studio, DIAdem and Data Dashboard.

His areas of expertise include software engineering, source code management, application distribution, NI web technologies for remote connectivity, mobile and cloud, technical data management, LabVIEW integration with text-based programming languages.

Find out more at [australia.ni.com/devdays](http://australia.ni.com/devdays) and [nz.ni.com/devdays](http://nz.ni.com/devdays)
LabVIEW 2012 is the ultimate system design software for measurement and control. Unlike text-based languages, it accelerates your system development with intuitive graphical programming and offers unrivalled hardware integration while addressing your application’s complexity with new features such as built-in templates and sample projects.

Try LabVIEW 2012 today at ni.com/labview
Introducing NI LabVIEW 2012

Integrate Any Hardware
LabVIEW is the only comprehensive development environment with the unprecedented hardware integration and wide-ranging compatibility you need to design and deploy measurement and control systems.

Accelerate Your Productivity
Multiply your potential with LabVIEW through its unique graphical programming environment; built-in engineering-specific libraries of software functions and hardware interfaces; data analysis, visualisation and sharing features.

Innovate With Confidence
With a world-class ecosystem of partners and technology alliances, a global and active user community, and consistent annual releases, LabVIEW offers you access to the latest technologies and the support of an enthusiastic, knowledgeable network of LabVIEW experts.

See the complete list of new features at ni.com/labview/whatsnew
How to Register

Online
For more details and to register, please visit australia.ni.com/devdays or nz.ni.com/devdays

Email
niaustralia.register@ni.com or ninz.register@ni.com

Phone
Australia: 1800 300 800 or New Zealand: 0800 553 322

Mail
Simply complete the tear-off, prepaid form and mail it back to us.

LabVIEW Developer Days

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Locations and Dates

Sydney       Tuesday 14th May
             Novotel Sydney Central
Melbourne    Thursday 16th May
             Melbourne Convention Center
Auckland     Tuesday 21st May
             SKYCITY Convention Center
Receive a Course Discount

To further increase productivity with NI products, LabVIEW Developer Days attendees will receive a voucher of 25% off a LabVIEW Core 1 or LabVIEW Core 2 training course.*

* Course discount only applies if the voucher is redeemed by 21 November 2013.

Prize Draw

All seminar attendees are eligible to enter a prize draw on the day to win a free NI Training Course Kit* of your choice.

* Course Kits include a training manual and CD only.

Grand Prize Draw

At the end of the seminar tour, all attendees are entered into a prize draw to win a LEGO® MINDSTORMS® NXT 2.0, powered by LabVIEW.

Find out more at ni.com/mindstorms
Introducing LabVIEW 2012

Register today at australia.ni.com/devdays and nz.ni.com/devdays

Try LabVIEW 2012 today - ni.com/labview/whatsnew