







Take Full Advantage of the NI Academic Program

Why Did NI Invest in an Academic Program?

1976





It all starts with academic.
At NI we're committed to
preparing the students of
today for the grand
engineering challenges of
tomorrow.

—Dr. James Truchard

ENGINEERING GRAND CHALLENGES



Health



Sustainability



Security



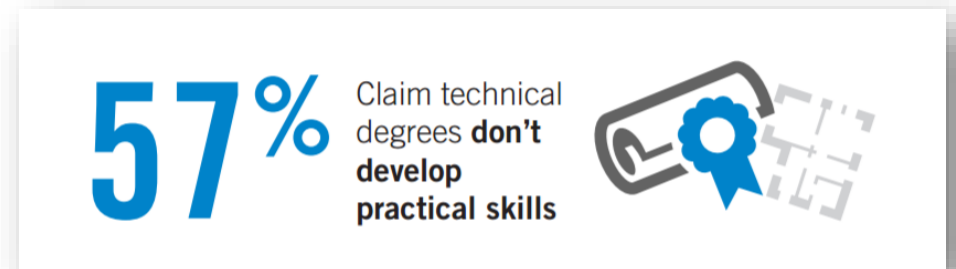
Joy of Living

1. Advance health informatics
2. Engineer the tools of scientific discovery
3. Engineer better medicines
4. Develop carbon sequestration methods
5. Reverse-engineer the brain
6. Provide energy from fusion
7. Provide access to clean water

8. Enhance virtual reality
9. Restore and improve urban infrastructure
10. Engineer better medicines
11. Advance personalized learning
12. Make solar energy economical
13. Prevent nuclear terror
14. Manage the nitrogen cycle

DO ENGINEERING

Improving Student Engagement, whilst Bridging the Industry Skills Gap



Industry/Research

Student/Classroom

Measurement & Data Acquisition



Embedded Control & Monitoring



RF & Wireless Communications



Portable Instrumentation



Benchtop Instrumentation



Get Set!

NI Academic
Program

Nancy

Richard



Agenda



**Course &
Curriculum
Support**



**Networking
&
Collaboration**



**Learning &
Certification
Resources**



**Technical
Support &
Consultancy**



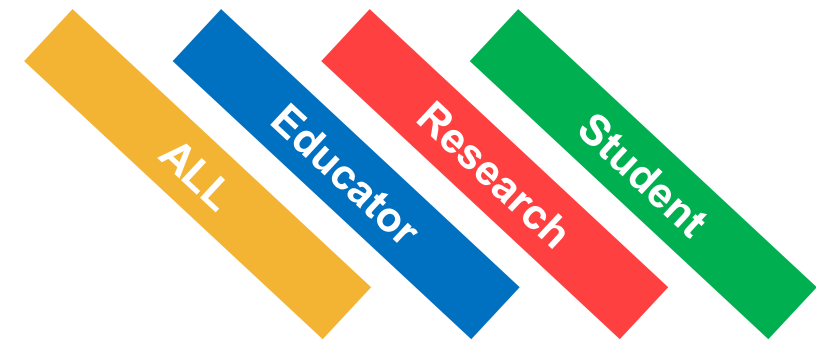
**Project
Resources
& Guides**



**Recognition
& Exposure**



**Regional
Initiatives**



**Course &
Curriculum
Support**



**Networking
&
Collaboration**



**Learning &
Certification
Resources**



**Technical
Support &
Consultancy**



**Project
Resources
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**Recognition
& Exposure**



**Regional
Initiatives**

Academic Site License: Software

ALL

LabVIEW

LabVIEW Professional Development System
SignalExpress
VI Package Manager

LabVIEW Add-Ons: Design

LabVIEW Control Design and Simulation Module
LabVIEW MathScript RT Module
LabVIEW Statechart Module
LabVIEW SoftMotion Module
LabVIEW Digital Filter Design Toolkit
LabVIEW Robotics Module

LabVIEW Add-Ons: Interface

LabVIEW Datalogging and Supervisory Control Module
Vision Development Module
ECU Measurement and Calibration Toolkit

LabVIEW Add-Ons: Analyze

LabVIEW Sound and Vibration Measurement Suite
LabVIEW Advanced Signal Processing Toolkit
LabVIEW Electrical Power Toolkit
Spectral Measurements Toolkit
Modulation Toolkit
LabVIEW DataFinder Toolkit

LabVIEW Add-Ons: Validate

LabVIEW Unit Test Framework Toolkit
LabVIEW VI Analyzer Toolkit
LabVIEW Desktop Execution Trace Toolkit

LabVIEW Add-Ons: Deploy

LabVIEW Real-Time Module
LabVIEW FPGA Module
FPGA Xilinx Compilation Tools
LabVIEW myRIO Software Bundle
LabVIEW roboRIO Software Bundle
LabVIEW ELVIS RIO Control Software Bundle
LabVIEW for LEGO® MINDSTORMS®

LabVIEW Communications System Design Suite
Measurement Studio Enterprise Edition
LabWindows™/CVI

DIAdem Professional
Multisim*
Ultiboard*

Vision Builder for Automated Inspection
Motion Assistant
TestStand

*Academic Site License With Multisim Option



Software included in the Academic Site License
ni.com/white-paper/8115/en/

The mark LabWindows is used under a license from Microsoft Corporation. Windows is a registered trademark of Microsoft Corporation in the United States and other countries. LEGO and MINDSTORMS are trademarks of the LEGO Group.

Academic Site License: Key Benefits



Make Better Use of Lab Time

The Academic Site License allows students to install NI software on their own computers so they can continue to develop systems outside the lab class. Assign projects, pre-lab work, tutorials, and workshops to make better use of your lab time.



Save Time Through Central IT Management

Bring all your licensing maintenance and management under one roof. The Academic Site License is shipped with powerful IT management software that gives you one central location to manage, maintain, and renew.



Be Successful at a Fraction of the Full Cost

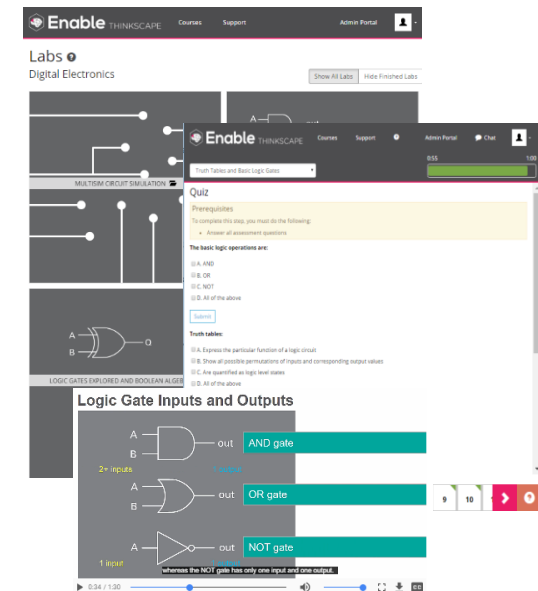
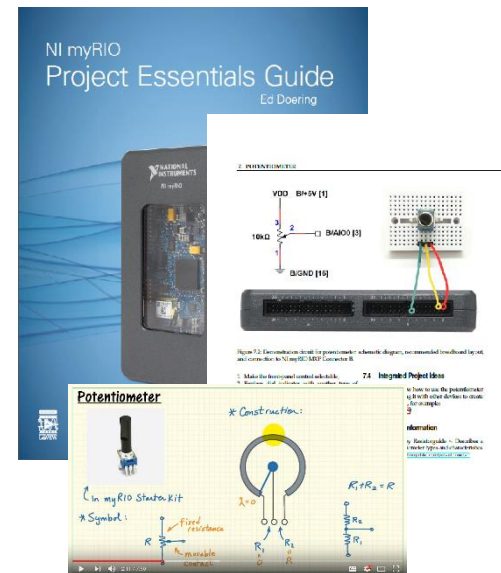
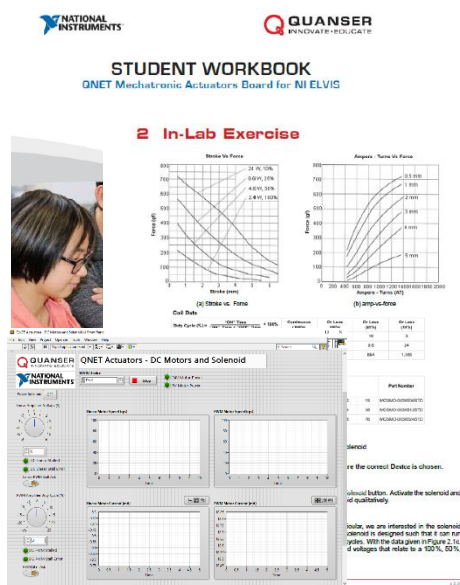
Get access to the vast majority of NI software to build any application in any lab for one low price. NI grants software to academic institutions at a significant discount compared to normal cost.



Flexibility to Fit Your Needs

Whether you represent a group, department, faculty, or campus, we have the right license for you. The Academic Site License has the flexibility to fit into any application in teaching, research, or student design.

- Save time
- Get ideas
- Align with industry



Lab Manuals

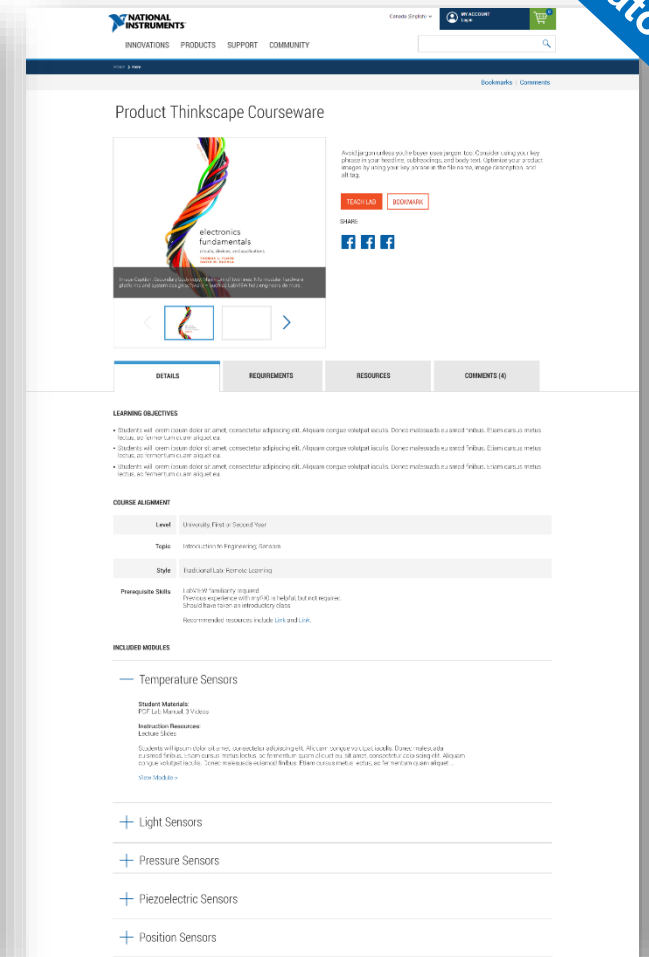
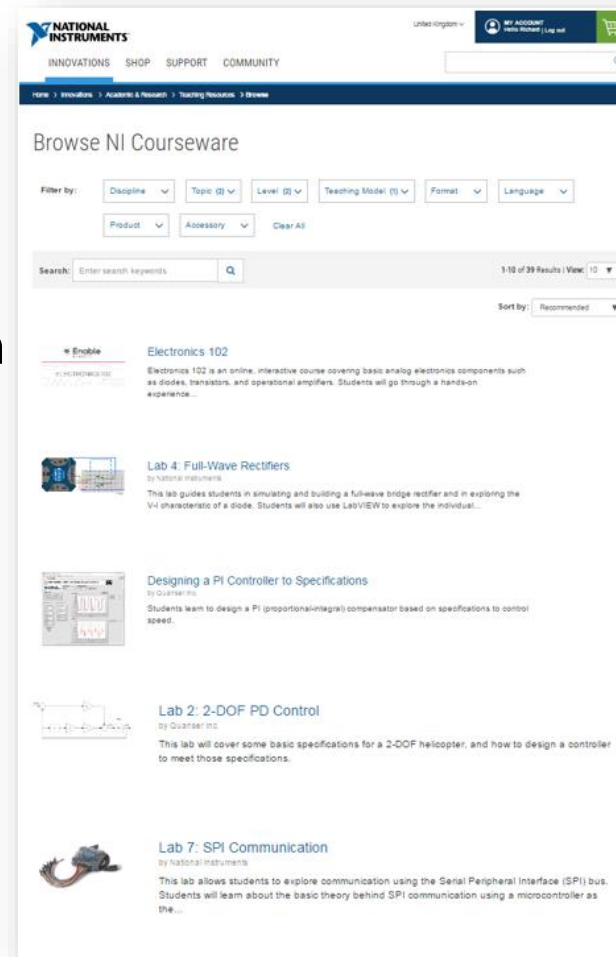
Project Guides

Online Courses

Engineering Teaching Resources Portal

Resources developed by leaders in education to help implement a hands-on approach to engineering education

- New website for finding and accessing teaching resources
- Find full sets of labs and projects or single modules
- Get access to answer keys



LabVIEW Academy



Student Benefits

Diversify Your Skill Set

Learn the skills to program in LabVIEW.

Boost Your Resume With LabVIEW Certification

Add LabVIEW Academy and the CLAD designation to your resume.

Expand Your Network

Connect with students and professionals who know LabVIEW and are seeking individuals with LabVIEW skills.

Train With Professional Educators

Study LabVIEW in a classroom environment with professors who have experience in teaching and research.

Institution Benefits

Equip Students to Succeed

Give students access to industry-standard tools they can use in classes, labs, and beyond.

Gain LabVIEW Academy Recognition

Receive recognition on ni.com for being an official LabVIEW Academy.

Access Learning Materials

Gain access to LabVIEW Core 1 and 2 curricula and the LabVIEW Academy program.

Reduce Time for Course Development

Use NI-recommended syllabi and complementary hardware to develop courses quickly.



Course &
Curriculum
Support



Networking
&
Collaboration



Learning &
Certification
Resources



Technical
Support &
Consultancy



Project
Resources
& Guides



Recognition
& Exposure



Regional
Initiatives

NI Travel Grants for Researchers

As part of our continued investment in academia worldwide, NI invites academic institutions to submit a proposal for support in funding travel for researchers presenting at scientific conferences.



What:

- Rewards (up to US \$2K) to cover the cost for airfare, lodging, and conference registration
- Applicable for researchers who have used the NI platform to generate desired research outcomes
- Researcher presents poster or oral session at a conference
- Reward covers domestic or international conference

How:

- Single-phase process; researchers submit 1-page proposal to be reviewed

NI Research Roundtables

To foster communication and collaboration among scientists and engineers around the world, NI invites key professors and industry researchers to discuss their fields and the challenges they face.



Wireless Communication

5G and wireless roundtables bring together top research institutions, educators, and industry leaders to discuss the latest trends in wireless research. Past topics have included 5G wireless communications, Massive MIMO, mmWave, and 802.11 and LTE physical layer prototyping.



Cyber-Physical Systems

Cyber-physical system roundtables address the latest trends and research on systems that integrate computation, communication, and controls. Past topics include verification and validation techniques, system architecture and framework for building cyber-physical systems, sensor fusion, testbeds for integrated human machine interfaces, and robotics infrastructure.

Learn about the latest roundtables and download conference papers

ni.com/research-roundtables

Networking, Sharing Skills, and Improving Knowledge



NIDays



LabVIEW Developer Days 2017

Build Code. Get Answers. Improve Your Skills.



LabVIEW User Groups

- Supported by NI, hosted by the developer community
- Learn, support, network
- 50+ user groups regularly hosted all over the world

Researcher

It is expected that techniques such as *non-invasive MIMO*, *full spatial multiplexing – where multiple data streams are transmitted at the same time and on the same radio channel* become a crucial part of future 5G networks; the next *mobile technology*.

The research team, consisting of five PhD students from [EPSRC Centre for Doctoral Training in Communications](#) researcher from LUT University, under the leadership Mark Beach, working with nine BT research team, led by to assess the performance of a 128 element Massive MIMO operating at 3.5 GHz at BT's Adlestree Park campus.

Initial experiments took place in BT's large exhibition hall

PC's Telecom Blog

A resource for telecommunications – wireless, wireline, networking, optical, T&M and pro

THURSDAY, OCTOBER 16, 2014

NI collaborates with CROWD to define 5G wireless communications

USA: NI announced its collaboration with CROWD, the European Union

European Union

About Me



G+0

InShare

25

Tweet

fLike

<0

20 October 2016

NATIONAL INSTRUMENTS (NI) COLLABORATES WITH SIT TO GROOM TELEMATICS TALENT FOR SINGAPORE'S INDUSTRY

A photograph showing four men in business attire standing behind a dark podium. The man second from the left is holding a large certificate. Behind them is a screen displaying logos for NI, SIT, and Singapore SkillsFuture. A woman is seated at the podium.

Sections

University News

Engineering

Chemical Engineering and Food Technology

Infocomm Technology

Health and Social Sciences

Design and Specialised Businesses

Student and Campus

Alumni


Media Library

Contact

Jesmine Ong
Senior Manager,
Corporate
Communications
[Jesmine.Ong@Sin...](#)
6592 2102

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a cohen company

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[Policy & Public Interest](#)
[People & Culture](#)


NI Collaborates With Cardiff University on Nonlinear RF Network Analysis Technology


News Highlights

- NI collaborates with Cardiff University on new technology for nonlinear RF network analysis and demonstrates solutions with significant measurement speed improvements.
- NI announces the acquisition of NMDG to support partners developing large-scale network analysis solutions.

Oct 31, 2012, 10:09 ET from [National Instruments](#)

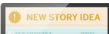




National Instruments, PRNewswire/National Instruments

Journalists and Bloggers

The news you need, when you need it.



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Mobile at RWTH Aachen

- About RWTH • News • University News • April 2013 • National Instruments Funds RWTH Aachen Institute

[< University News](#)

[April 2013](#)

**National Instruments
Funds RWTH Aachen
Institute**

National Instruments Funds RWTH Aachen Institute

16/04/2013

National Instruments, NI, the renowned manufacturer of hardware and software tools for engineers and scientists is funding research and education at RWTH Aachen. The company is supporting the Institute of Networked Systems or INETS through funds for equipment and grants. Phil Hester, Senior Vice-President R & D at NI made the announcement during a discussion held in honor of the ten-year anniversary of the Aachen Institute. The funding encompasses the most modern research equipment, technical support, and a student support grant. A large portion of the funds will go to the research group for self-organizing networks, SON, within INETS, which is headed by Prof. Dr.-Ing. Marina Petrova.

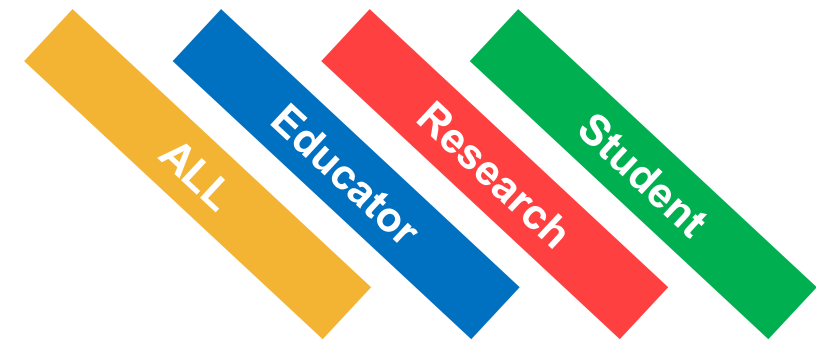
CONTACT

Marina Petrova

+49 241 80 20903

[Send Email](#)

The support aims at improving the research in the field of cognitive radio systems, future wireless communication systems, and 60 GHz radio technologies. Furthermore there will also be excellent possibilities to strengthen the institute's teaching.



Course &
Curriculum
Support



Networking
&
Collaboration



Learning &
Certification
Resources



Technical
Support &
Consultancy



Project
Resources
& Guides



Recognition
& Exposure



Regional
Initiatives



No Train, No Gain

Academic Self-Paced Online Training

If your university holds an active Academic Site License, its educators, researchers, and graduate students are entitled to free self-paced online training.

Self-Paced Video Training for Students

Use this set of step-by-step tutorials, example projects, and short videos to get started with NI tools.



Learn LabVIEW

To begin, you need to understand how to work within the LabVIEW environment. Watch these video modules to learn the core components that can help you program in LabVIEW.

[Watch the video modules for Learn LabVIEW](#)



Learn DAQ

Once you are comfortable with the basics of the LabVIEW environment, watch these video modules to learn how to do simple tasks with LabVIEW and a data acquisition (DAQ) device.

[Watch the video modules for Learn DAQ](#)



Learn RIO

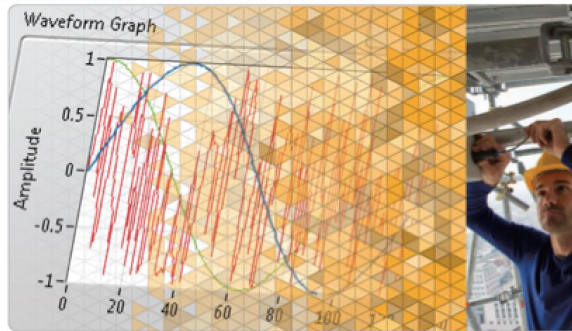
Once you are familiar with LabVIEW, watch these modules to learn how to assemble a RIO system, understand embedded programming with LabVIEW, and build your first application.

[Watch the video modules for Learn RIO](#)

LabVIEW Student Ambassadors



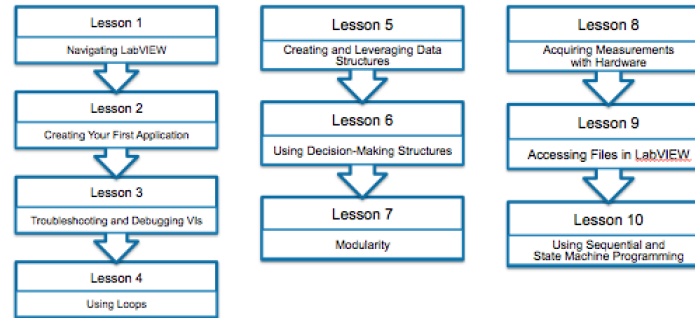
LabVIEW Core 1



3

Welcome to LabVIEW Core 1

Course Learning Map



7

Lesson 1 Navigating LabVIEW

Recognize the main components of the LabVIEW environment and create a new project and VI.

- A. What is LabVIEW?
- B. Project Explorer
- C. Parts of a VI
- D. Front Panel
- E. Block Diagram
- F. Searching for Controls, VIs, and Functions

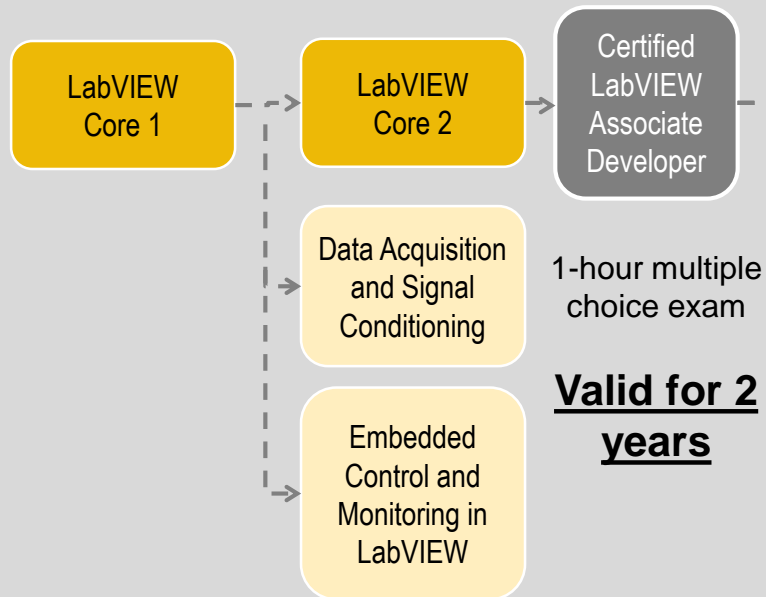
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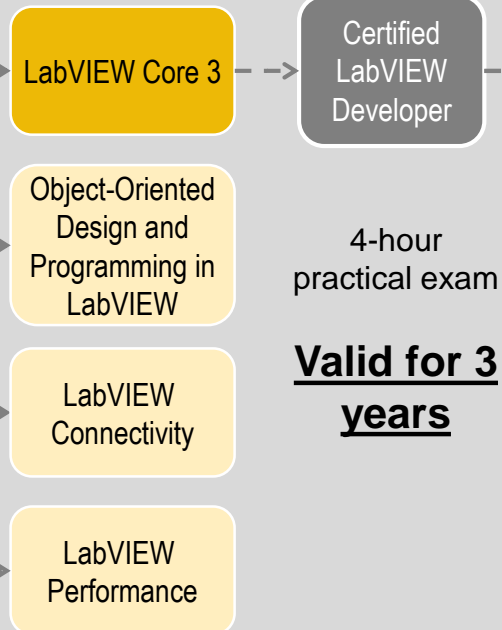
Become a LabVIEW Student Ambassador
ni.com/academic/ambassadors/

NI Training and Certification

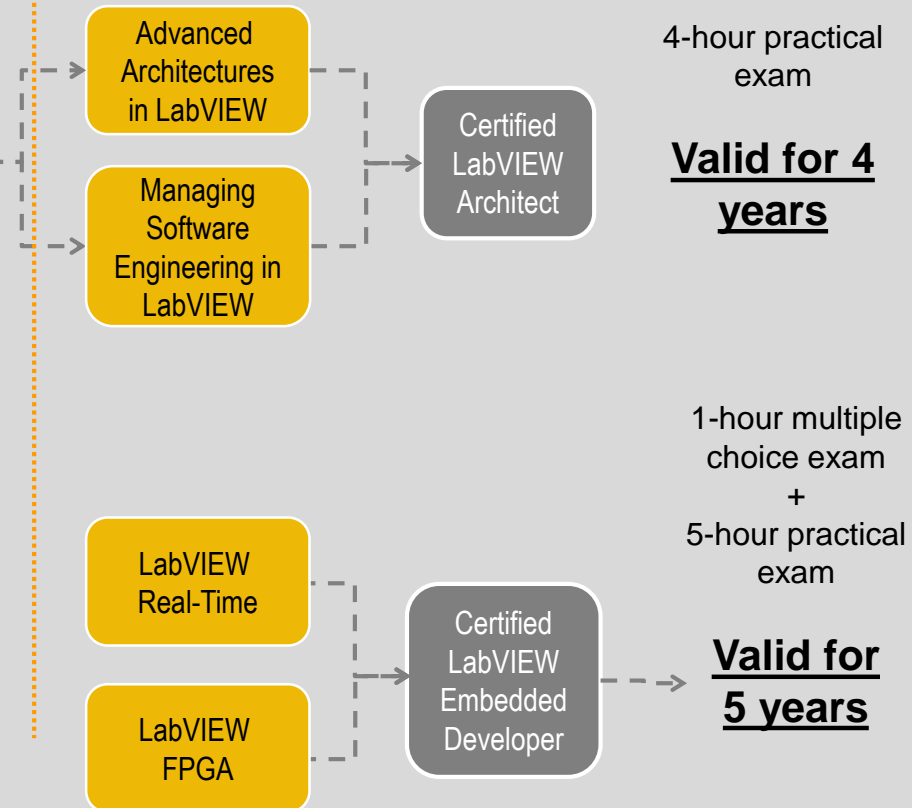
New User



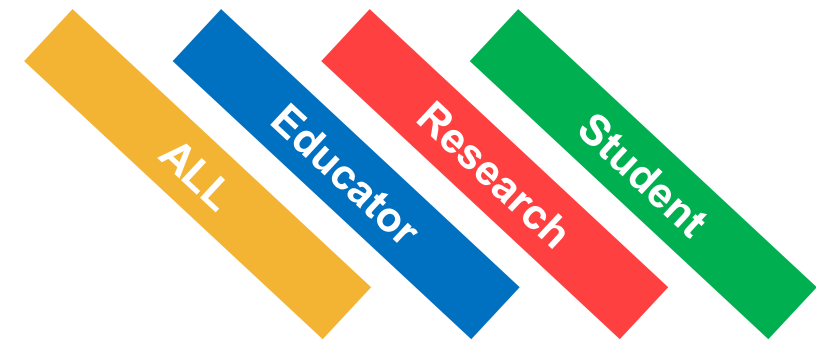
Experienced User



Advanced User



Recommended course Optional course Optional certification



Course &
Curriculum
Support



Networking
&
Collaboration



Learning &
Certification
Resources



Technical
Support &
Consultancy



Project
Resources
& Guides



Recognition
& Exposure



Regional
Initiatives

Support Channels

ALL

Email/Web



Direct, trackable communication with
an NI engineer
+ Great for NI technology advice and
guidance

Phone



Forums



A community of thousands of active LabVIEW users
+ Great for application advice and guidance

Service Request Manager

My Service Requests

Open a New Service Request

FAQ's

My Support Services

You are entitled to phone and email support.

My Profile

Richard Roberts
National Instruments
Measurement House
Newbury Business Park
NEWBURY
RG14 2PS
01635 572481
richard.roberts@ni.com

My Service Requests

Welcome to the Service Request Manager. Here you can create a Service Request as well as access online support resources. If you have a NI Service Program, you can also view and update your SR within the Service Request Manager and get direct Technical Support from an Applications Engineer.

1-1 of 1

Service Request Data

SR Number	Summary	Product	Creation Date	Owner	Status
1278496	Faulty USRP	Unevaluated	2013/02/27	GSI PROJECT	RMA Closed

Feedback

Please give us feedback on your experience in the Service Request Manager. If you need support on NI products, submit your request through "Open a New Service Request" to receive a response.

Service Request Manager

NI Alliance Partner Network

ALL

- 1000+ Alliance Partners

NI Offices
NI Alliance Partners



Electronic
Design



Embedded
Control



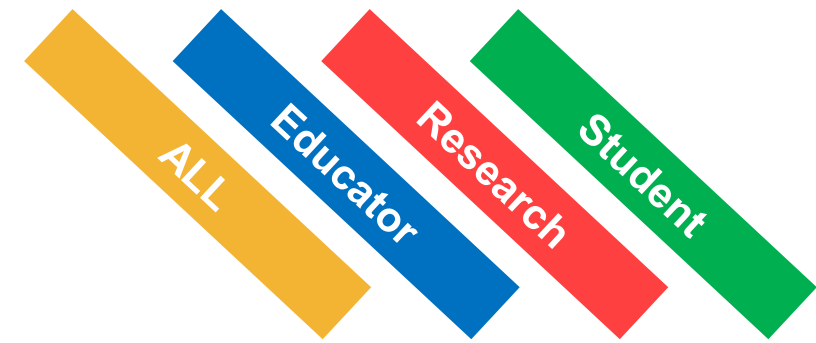
Wireless
Communications



Machine
Vision



Education
and Research



Course &
Curriculum
Support



Networking
&
Collaboration



Learning &
Certification
Resources



Technical
Support &
Consultancy



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Resources
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& Exposure



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MAKER PROJECTS AND INSTRUCTIONS TO INSPIRE, CHALLENGE AND EDUCATE



AR Drone 2.0 Multiple Manipulation



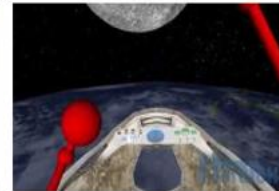
Controlling Mover4 Robot Arm from LabVIEW



Mind-Melting Slit Scan Photography



2048



VR with Oculus Rift, Kinect and LabVIEW



Full Scale R2D2 Powered by myRIO - Intro



Project RK-1

FREE API LIBRARIES TO TAKE CONTROL OF POPULAR COMMERCIAL DEVICES

Adept



AR Drone



Data Dashboard



Kinect One



Kodi



Leap Motion Controller



LEGO Mindstorms



LINX



Nest



Phillips Hue



PS4 Controller



Xbox One Controller



HACKER'S HANDBOOK

COMPENDIUM OF MAKER PROJECTS

<http://bit.ly/1TpVA1s>

Student



myLED Matrix

Maksim Kuznetsov
University of Leeds
Mechatronic Engineering



myLaserListener

Oliver Pont
University of Surrey
Electrical & Electronic Engineering



myPotholeDetector

Sean Fuller
University of Portsmouth
Electronic Engineering



myBall&Beam

Nigel Chan
University of Manchester
Electrical & Electronic Engineering



myPowerMonitor

Matt Surridge
University of Portsmouth
Electronic Engineering



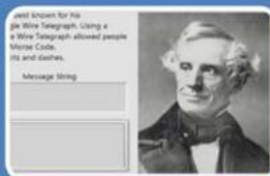
myRoboLab

Menelaos Kanakis
University of Leeds
Mechanical Engineering



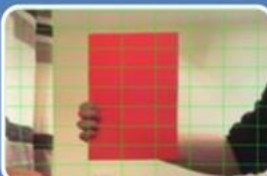
myUltraHarp

Matt Hutchinson
University of Cardiff
Physics



myMorseCode

Alex Thomas
University of Manchester
Electronic Engineering



myTracker

Marius Umbrasas
University of Sheffield
Mechatronic Engineering



myExplorer

Petru Tarabuta
University of Sheffield
Electronic Engineering



myPulse

Shahmar Ali
University of Surrey
Medical Engineering



myMusicalTesla

Max Simmonds
Plymouth University
Electrical & Electronic Engineering



mySecuritySystem

Arturs Grigals
University of Leeds
Mechatronics and Robotics



myLieDetector

Sebastian Sieroslawski
Cardiff university
Electrical & Electronic Engineering



myANPR

Hans Tang
Loughborough University
Mechanical Engineering



myNES

Alex Thomas
University of Manchester
Electronic Engineering



mySkyWriter

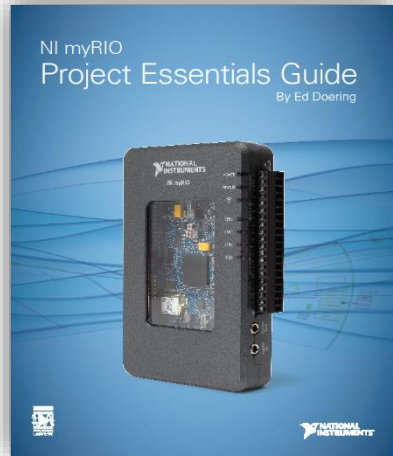
Shazil Muhammad
University of Manchester
Mechatronic Engineering



my(eye)DAQ

Robert Green
Loughborough University
Mechanical Engineering

Project Essentials Guides



Project Essentials Guide

For students who are completing projects at all levels

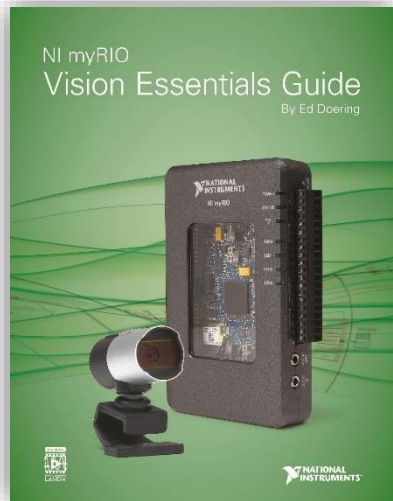
The guide breaks down wiring, I/O requirements, device theory, and programming for 40 common sensors and actuators.



Multimedia Resource With **200** Videos Tutorials

Download now for free

ni.com/white-paper/52475/en



Vision Essentials Guide

Brings the exciting world of machine vision to myRIO projects

The guide walks you through the use of cameras to sense motion, take physical measurements, read bar codes and printed labels, inspect products for defects, and respond to colors.



Multimedia Resource With **115** Videos Tutorials

Download now for free

ni.com/tutorial/14621/en



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STUDENT DESIGN COMPETITION



Student

Show us how you are incorporating LabVIEW into your final-year project for a chance to have your work published and win prizes.

Competition Prizes

Local Grand Prize: Regional industry award recognition

Global Grand Prize: Global award recognition and a trip to NIWeek

Main Reason to Enter

Exposure: For your students and your university



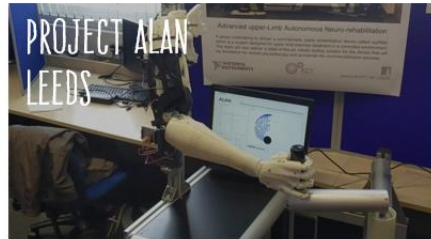
Find your local competition and submit your project
ni.com/studentdesign

STUDENT DESIGN COMPETITION



Top 10 Projects Worldwide 2016

Student





NI Engineering Impact Awards

NI Engineering Impact Awards

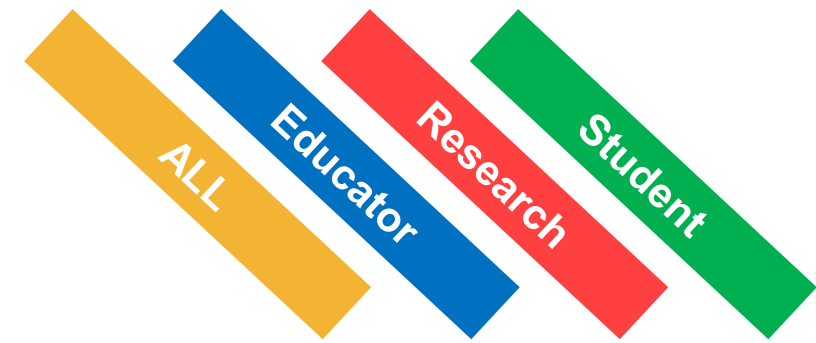
Researcher

The NI Engineering Impact Awards is a technical application contest that showcases the most innovative projects based on NI software and hardware. This is your chance to share your innovations with the NI community and network with NI leadership, trade press, industry leaders, and other category winners at the invitation-only awards ceremony and dinner.



Explore previous winners
ni.com/impactawards/explore_2016.htm

Participate in the NI Engineering Impact Awards
ni.com/impactawards/participate.htm



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STUDENT PROJECT SPONSORSHIP

NI offers 10 individuals or teams a comprehensive sponsorship package that can take a project from good to award winning.



**€500
Cash**

**€2,500
NI Equipment**

**x2 Online Training
Courses**

**Direct Support from
an NI Engineer**

**Exposure for Your
Project**

You can spend your award, presented in your local currency, on any aspect of your project.

You receive a generous donation of NI measurement and control hardware for your project based on your project requirements.

You can take advantage of instructor-led courses as well as access to self-paced online training to gain the skills to effectively apply NI solutions to your student or team project.

A dedicated NI engineer answers your technical questions and helps shape your project into a strong submission for the Student Design Competition.

Social media posts about your project are shared with over 15,000 people across the NI community and social platforms to generate media interest and article publication potential.



FORMULA STUDENT SPONSORSHIP

since 2010

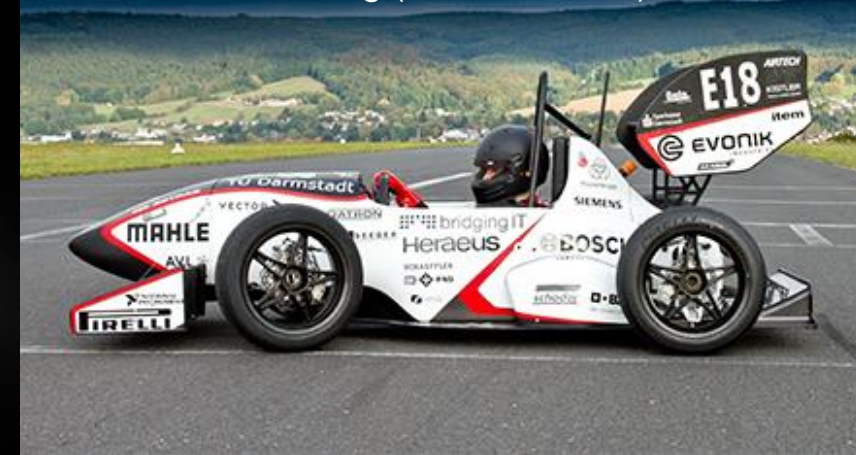
Team Elblorace (TU Dresden)



Team TUFast (TU München)



Team Dart Racing (TU Darmstadt)



audimax.de
@audimax
Special award for @Elblorace "Formula Student Germany | Almost didn't recognize it wasn't a racecar award" #FSG16



TUFast Racing Team @TUFast - 28. Aug. 2016
We got the price for overall statics winner!! #OneTeamTwoCarsTUFast #FSS16



Elblorace @Elblorace - 25. Juli 2016
FIRST PLACE OVERALL!!!! #FSAEItaly

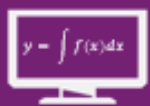


- NI sponsors three electrical race cars
- Software donation: LabVIEW and DIAdem
- Hardware donation: sbRIO or SOM
- Training donation: five training courses
- Money donation: €4000



FOUNDING THE 'NI UNIVERSITY'

In collaboration with Tsinghua University and XuetangX Online Education, NI created an massive open online course, complete with remote laboratories, to prepare young engineers for the work place.



Teaching curriculums

- LabVIEW online training and certification
- MOOC
- Remote Lab
- MOE Project



Innovation and entrepreneur

- Demonstrative base for innovation
- VI Contest
- LabVIEW Club



Micro major

- Consists of multiple curriculums
- Served for employment
- Charged



Talent recruit

- Partner or customers
- Intern or employee

Teaching

Study

Practise

Exam

Certification

Employment



RUSSIAN WORLDSKILLS COMPETITIONS

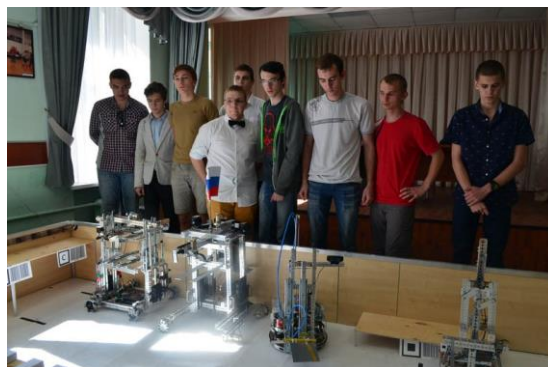


NI facilitated the organization of local competitions like:

- Mobile Robotics
- Internet of Things
- Electronics

NI helped to prepare the National Russian Team for international championships in São Paulo and Gothenburg

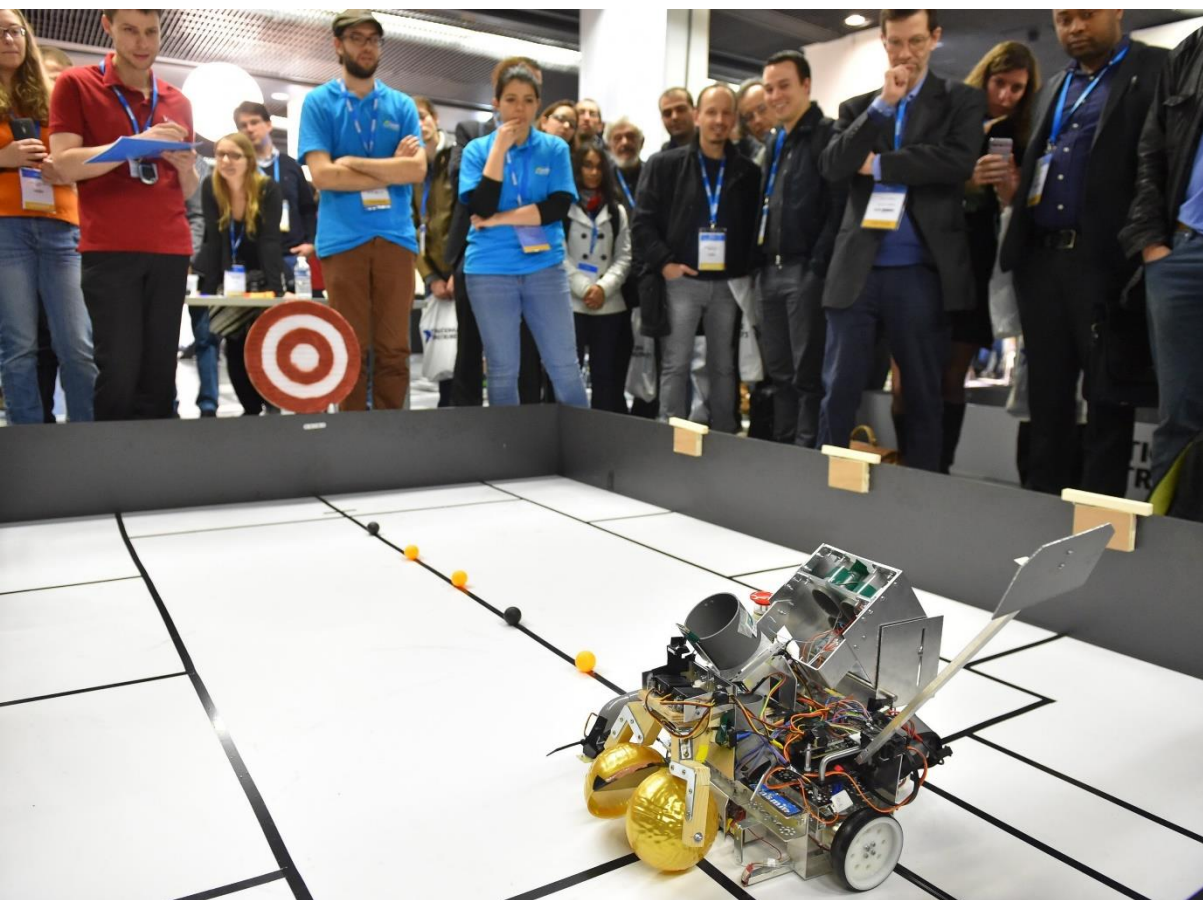
- Trainings on myRIO, LabVIEW, and VirtualBench
- Mobile robotics online courses





NI ROBOTICS CONTEST

Organized by NI France since 2012



2 Robotics Contests

- For high schools and institutes of technology using LEGO® MINDSTORMS® and NI LabVIEW
- For universities and engineering schools using the Pitsco TETRIX® PRIME kit for NI myRIO

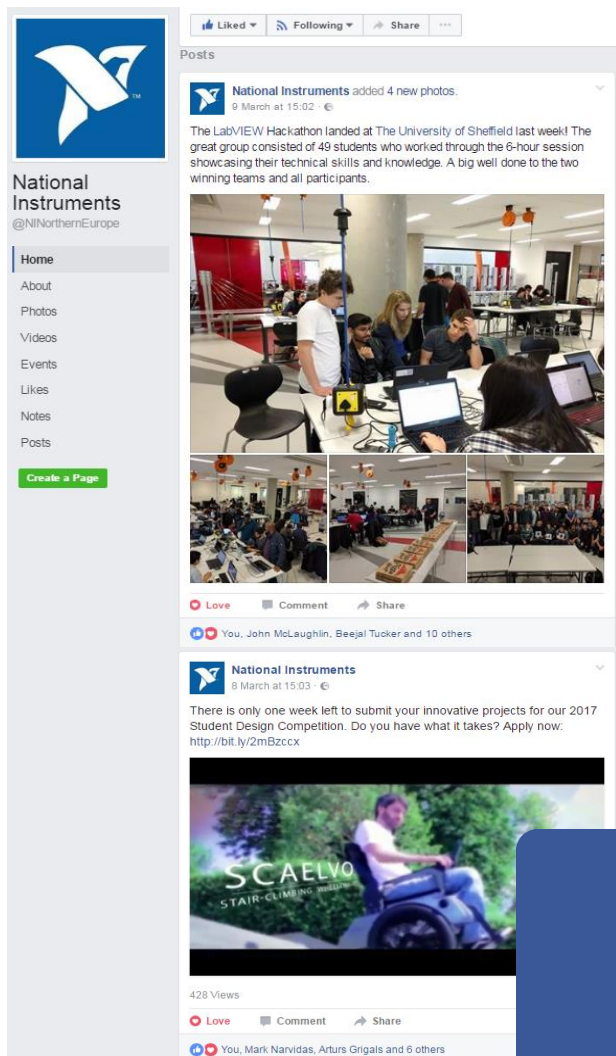


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National Instruments added 4 new photos.
9 March at 15:02 · €

The LabVIEW Hackathon landed at The University of Sheffield last week! The great group consisted of 49 students who worked through the 6-hour session showcasing their technical skills and knowledge. A big well done to the two winning teams and all participants.

National Instruments
9 March at 15:03 · €

There is only one week left to submit your innovative projects for our 2017 Student Design Competition. Do you have what it takes? Apply now: <http://bit.ly/2mBzccx>

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STAIR-CLIMBING ROBOT

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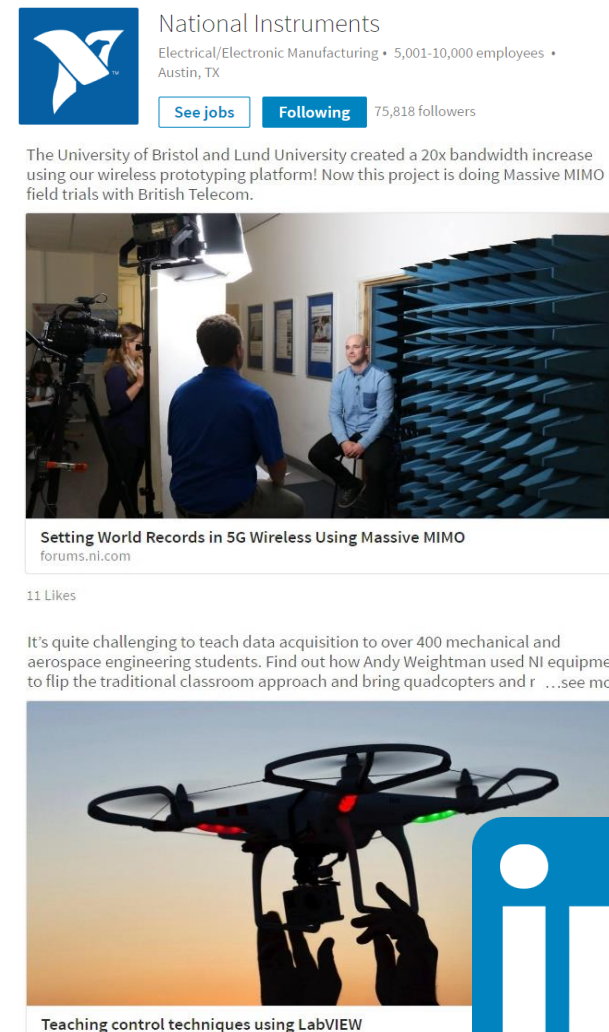
TWEETS 3,914 FOLLOWING 2,915 FOLLOWERS 18.7K LIKES 5,514

National Instruments @Niglobal · 29 Dec 2016

Robot making has never been so fun!
@Enginmake is using #LabVIEW to make robotics interactive with the QuadBOT:
bit.ly/2ijoJhn

National Instruments @Niglobal · Feb 10

Who spotted the @labview cameo in last night's @bigbangtheory?

National Instruments
Electrical/Electronic Manufacturing • 5,001-10,000 employees • Austin, TX

See jobs Following 75,818 followers

The University of Bristol and Lund University created a 20x bandwidth increase using our wireless prototyping platform! Now this project is doing Massive MIMO field trials with British Telecom.


Setting World Records in 5G Wireless Using Massive MIMO
forums.ni.com


11 Likes

It's quite challenging to teach data acquisition to over 400 mechanical and aerospace engineering students. Find out how Andy Weightman used NI equipment to flip the traditional classroom approach and bring quadcopters and r ...see more


Teaching control techniques using LabVIEW





NI News Academic Edition
Q1 2017

Research



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How do you provide 16 channels of digital I/O and a 100 MS/s scope to students? Use the Analog Discovery 2.
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Student


From music visualisation to multiplayer gaming. Add simple, fun visuals to your embedded projects!
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LabVIEW Provides Unprecedented Insight into Human Development

Born in Bradford, one of the largest research studies ever undertaken, is assessing how human health and wellbeing is influenced by our environment, genes & lifestyle. To aid this study, the University of Leeds developed a LabVIEW-based research tool, which is now tracking the motor-cognitive development of 13,500 children, all the way from birth into adulthood.
[Learn more about this ambitious study](#)

What's New?


The European Student Design Contest is NOW Open! Tell us about your LabVIEW-Powered Innovation.
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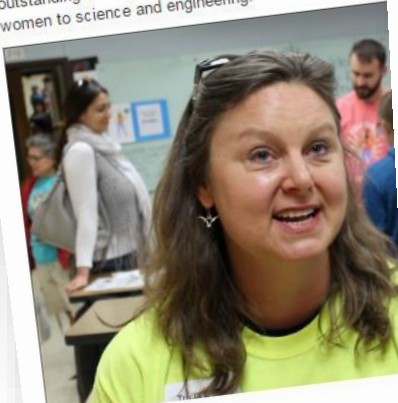
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- ☒ NI News Global (once a month, English)
- ☒ Local Academic News (monthly, English)
- ☒ NI News Academic (quarterly, English)
- ☒ LabVIEW Digest (quarterly)
- ☒ Power and Energy Digest (quarterly)
- ☒ Embedded Control and Monitoring Digest (quarterly)
- ☒ Automated Test Digest (quarterly)
- ☒ NI LabWindows/CVI Developer Newsletter (quarterly, English)
- ☒ Circuit Design Newsletter (quarterly, English)
- ☒ Instrumentation Newsletter (quarterly, electronic version of 20+ page newsletter, English)
- ☒ NI News Global (twice a month)

Travis-E 03-08-2017 09:27 PM

Impulse Response Episode 2 - Introduce a Girl to Engineering

Episode 2 - What a way to finish off Engineering Week! An outstanding event put on at UT campus where the focus was on women to science and engineering.



Read more...

Travis-E 02-23-2017 11:41 AM

Impulse Response Episode 1 - Travis at ETH Zurich

This is the first of many Impulse Response vlogs! Be the first to watch it!

Episode 1 - Travis is on the road visiting key universities



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I.B.Hating

02-17-2017 09:25 AM

Multisim Live Circuit Fundamentals Competition



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BrookeT

02-20-2017 06:00 AM

Inside Berkeley Hyperloop

Hardships and system failures are not going to stop them. Enough, that has lit a fire in them to iterate and improve.



Photo courtesy of Berkeley Hyperloop team

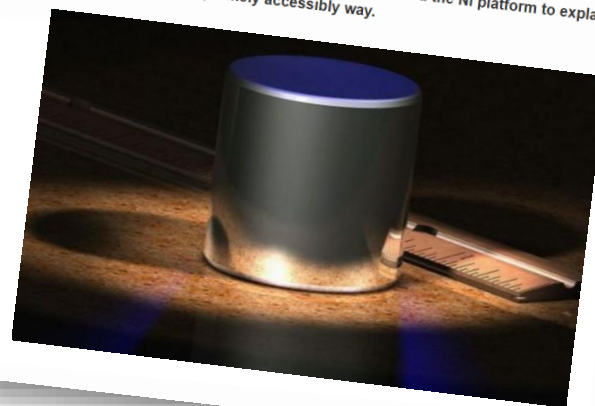
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RER 02-27-2017 10:23 AM

The Kilogram: The Scientific Unit with a Serious Weight Problem!

Within the next few years, an ingenious device called the 'Watt Balance' will fundamentally redefine the kilogram! An Austin-based YouTuber has used the NI platform to explain this complex instrument, in a supremely accessible way.



905 Views 1 Comment



Course & Curriculum Support

Software Included in the NI Academic Site License

us.ni.com/academic/software

ni.com/white-paper/8115/en/

NEW! NI Courseware Portal
ni.com/teach

Become a LabVIEW Academy
ni.com/academic/labview_academy.htm



Project Resources & Guides

Hacker's Handbook
<http://bit.ly/1TpVA1s>

LabVIEW Maker Hub
labviewmakerhub.com

Vision Essentials Guide
ni.com/tutorial/14621/en

Project Essentials Guide
ni.com/tutorial/14621/en



Technical Support & Consultancy

Alliance Partner Network
ni.com/alliance

Access and Manage Your Support
ni.com/support



Learning & Certification Resources

Become a LabVIEW Student Ambassador
ni.com/academic/ambassadors/

Self-Paced Video Training for Students
ni.com/academic/students/learn/

Self-Paced Online Training
ni.com/self-paced-training

RF Academy
ni.com/rf-academy

Impulse Response—Academic News Blog
forums.ni.com/t5/Impulse-Response/bg-p/4029

NI Training and Certification Options
ni.com/training



Networking & Collaboration

Events and User Groups
ni.com/events

Research Roundtables
ni.com/research-roundtables

Research Travel Grant Program
ni.com/research-grants



Recognition & Exposure

NI Engineering Impact Awards
ni.com/impactawards/participate.htm

Student Design Contest
ni.com/studentdesign