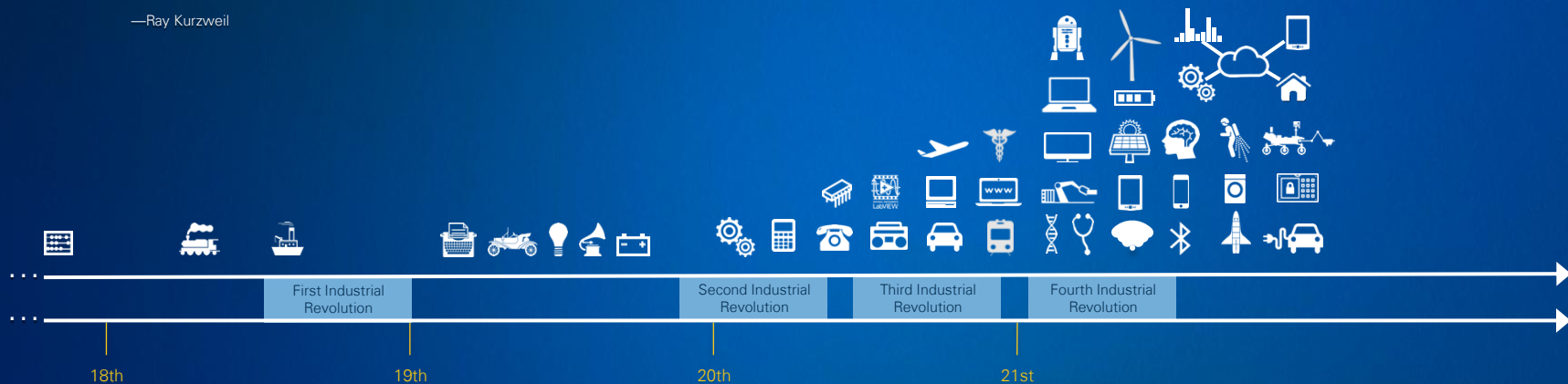


NIDays

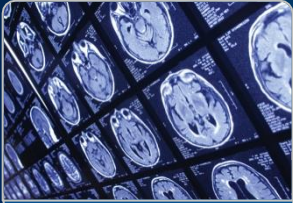


14:15	UNO-LUX NS - 10 godina NI partnerstva Miloš Radulović UNO-LUX NS d.o.o	14:15	Radionica NI myRIO u nastavi o embedded sistemima ili LabVIEW u akviziciji podataka i DIAdem za offline procesiranje signala Andrej Korošec, Dušan Vukašinović National Instruments
14:40	Razvoj usisnog kolektora varijabilne geometrije i telemetrijske jedinice za vozilo Formule student uz korišćenje NI-cRIO i NI-PXI hardvera i LabVIEW i DIAdem softvera Predrag Mrdja, Vladimir Petrovic, Stefan Djinic Univerziteta u Beogradu		
15:05	Merni uređaj za kalibraciju strujnih transformatora baziran na PXIe-1082 sa PXIe 8108 kontrolerom i PXI-4462 AD konvertorom Dr Aleksandar Zigic Dragana Naumovic-Vuk Vladimir Poluzanski Elektrotehnički Institut Nikola Tesla		
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16:45	Upravljanje laboratorijskim bioreaktorom Miloš Radulović UNO-LUX NS d.o.o		

—Ray Kurzweil



The Engineering Grand Challenges



Health



Sustainability

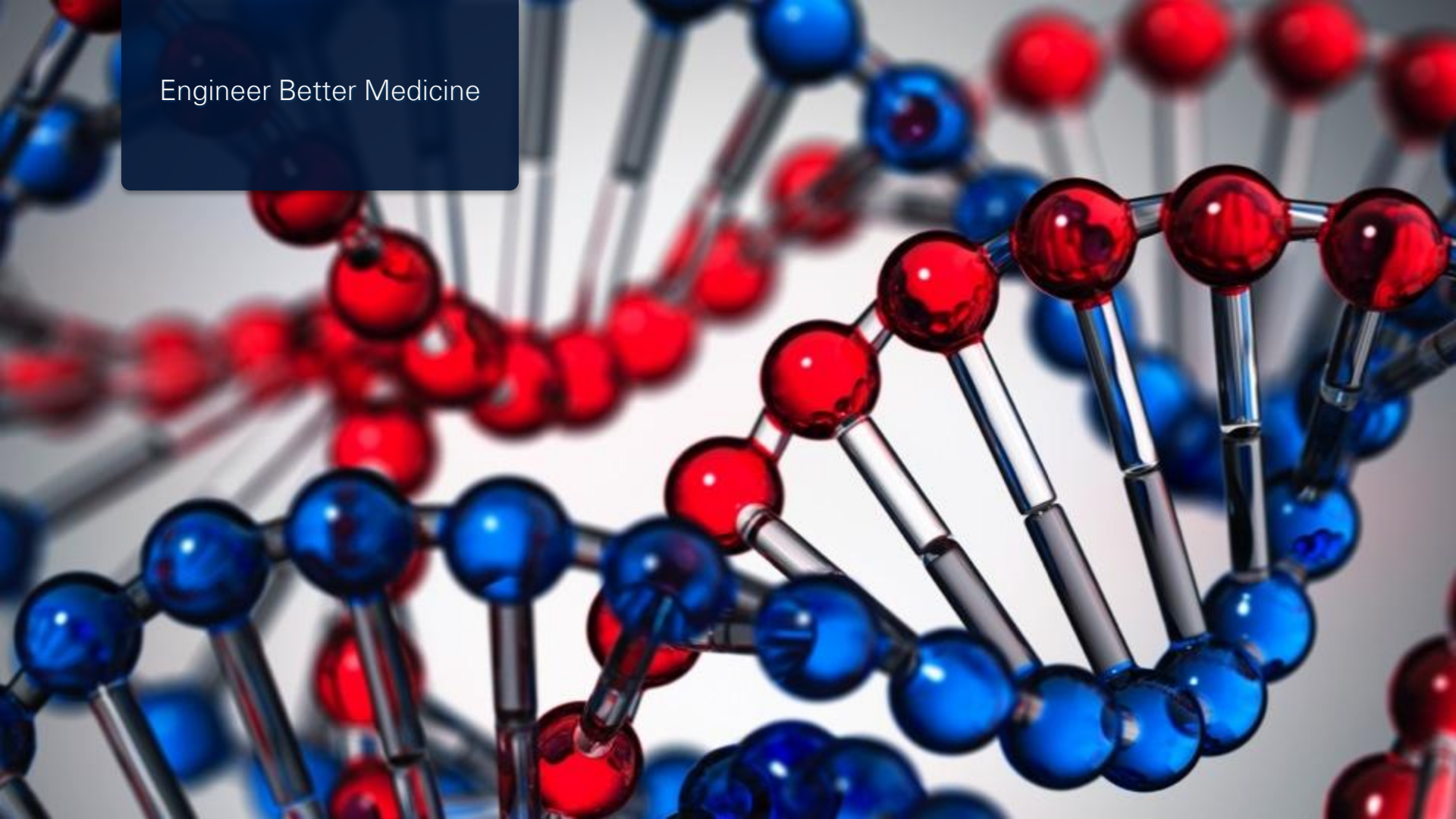


Security



Joy of Living

Engineer Better Medicine



A wide-angle, fisheye photograph looking down the central column of a tokamak fusion reactor. The central column is composed of several vertical, segmented structures made of light-colored, rectangular tiles. These are surrounded by concentric rings of more complex, metallic structures, likely part of the poloidal field coils. The overall environment is highly industrial and complex, with many pipes, cables, and structural elements visible. The lighting is bright, coming from various sources, creating a high-contrast scene. A dark blue rectangular box is overlaid in the top right corner, containing white text.

Provide Energy from Fusion

Restore and Improve
Urban Infrastructure





Reverse Engineer the Brain



Health



Sustainability



Security



Joy of Living





$$\begin{aligned}
 &= (a+b)(a+b) \\
 &= a^2 + 2ab + b^2 \\
 &= a^2 - 2ab + b^2
 \end{aligned}$$

A coordinate system is drawn on the right side of the chalkboard, with the x-axis and y-axis. The origin is labeled 'O'. The x-axis is labeled 'x' and the y-axis is labeled 'y'. The equation $D = b^2 - 4ac$ is written at the bottom right.

$$\frac{V_1 - V_2}{1 + 2j} + \frac{20}{5} \frac{V_1 - V_2}{1 + 2j}$$



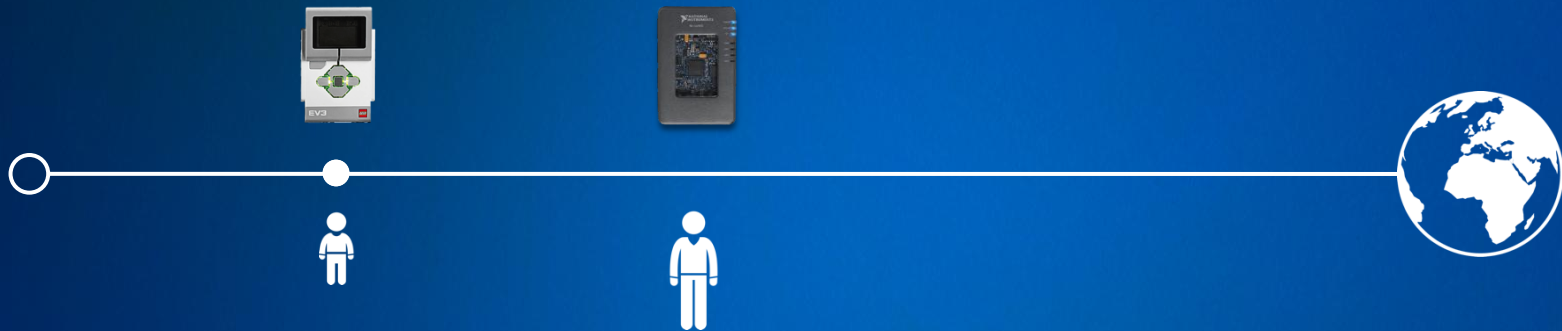


mini
systems

Do Engineering Anywhere, Anytime.



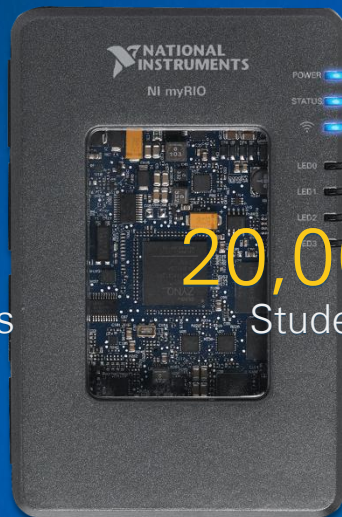
4,000,000
Future System Designers



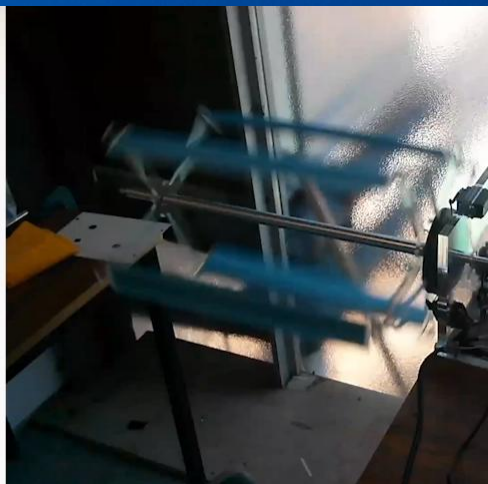
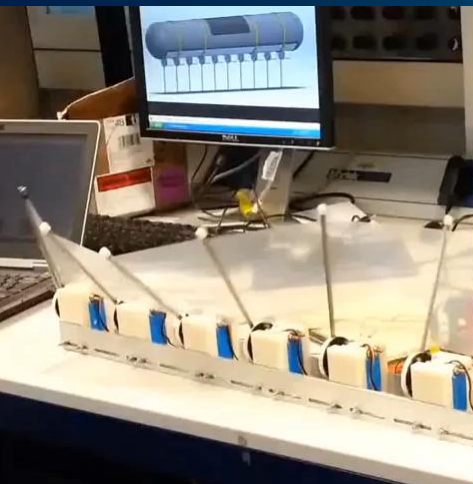
65+
Countries

800+
Universities

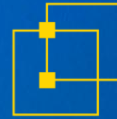
20,000+
Students



13
New LabVIEW Tools
Network Apps



STUDENT DESIGN COMPETITION



A stylized world map in a light blue color, centered on the Atlantic Ocean, serving as a background for the statistics.

3,250
Teams

25
Countries

3
Finalists

NASA Student Launch Project

UNC Charlotte, USA



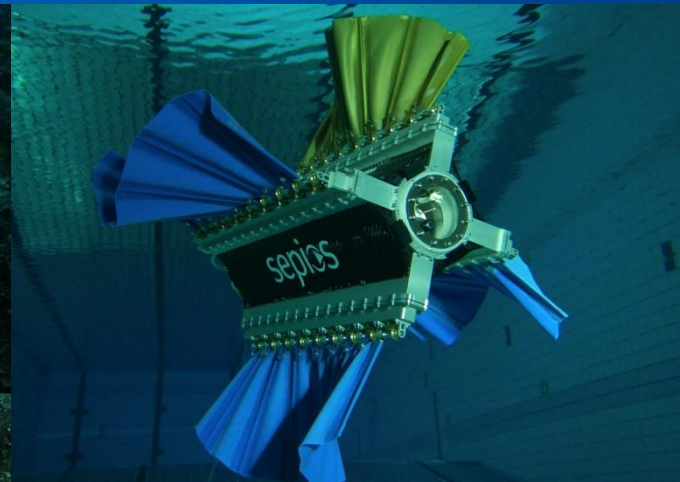
EureCar

KAIST, Republic of Korea



Sepios

ETH Zurich, Switzerland





36 rays actuated
by individual servos

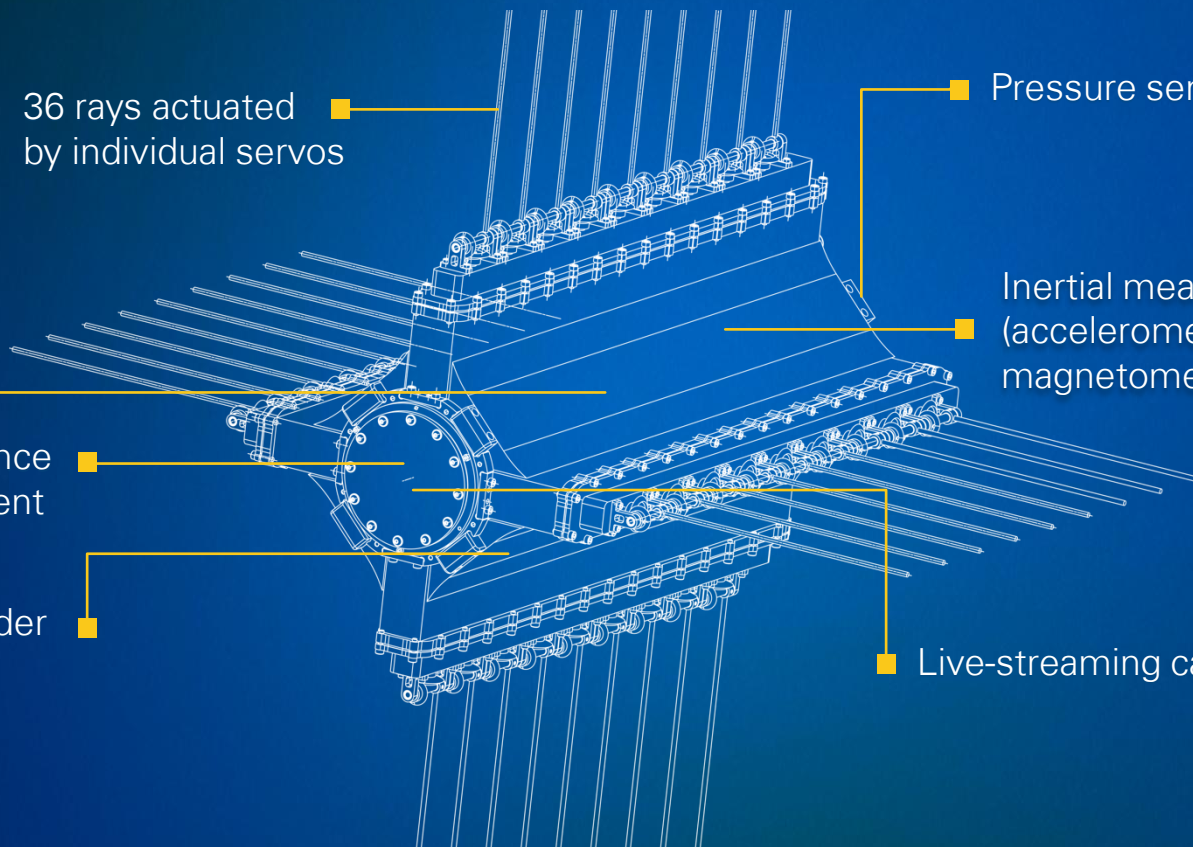
Pressure sensor

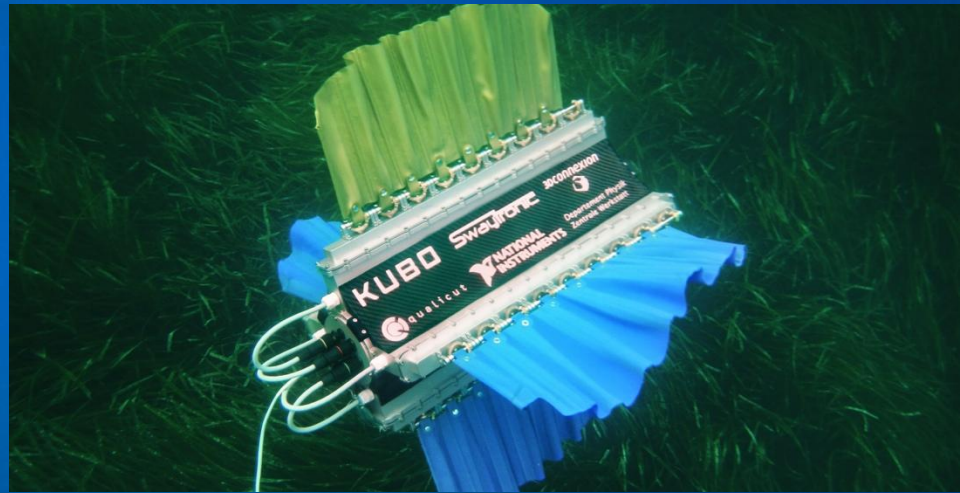
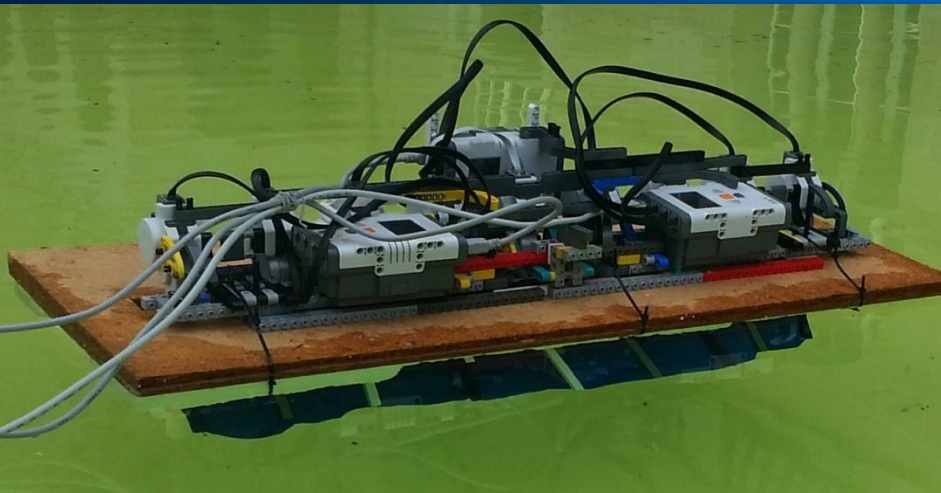
Inertial measurement unit
(accelerometer, gyroscope,
magnetometer)

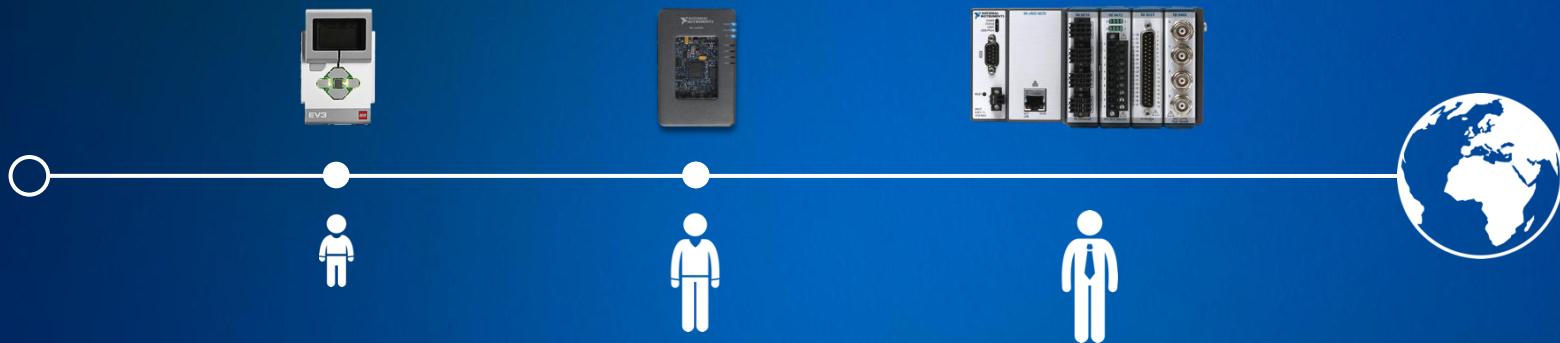
Laser distance
measurement

Swim bladder

Live-streaming camera











Smart
Tools



Intelligent
Communication



Industrial
Robots



Smart
Inspection



Mobile
Manipulator



Smart
Tools



Intelligent
Communication



Industrial
Robots



Smart
Inspection



Mobile
Manipulator

Airbus Technology Store



Vision



Filter



Input/Output



Motion

IP and Algorithm Library



SOM



sbRIO



CompactRIO



PXI

NI Hardware



Airbus Technology Store



Vision



Filter



Input/Output



Motion

IP and Algorithm Library



SOM



sbRIO



CompactRIO



PXI

NI Hardware

400,000+ Hole Locations
1,000+ Tightening Tools
Increase Quality Assurance





Airbus Technology Store



Vision



Filter



Input/Output



Motion

IP and Algorithm Library



SOM



sbRIO



CompactRIO



PXI

NI Hardware



Inspection
Input



Control
Output





Airbus Technology Store



Vision



Filter



Input/Output



Motion

IP and Algorithm Library



SOM



sbRIO



CompactRIO



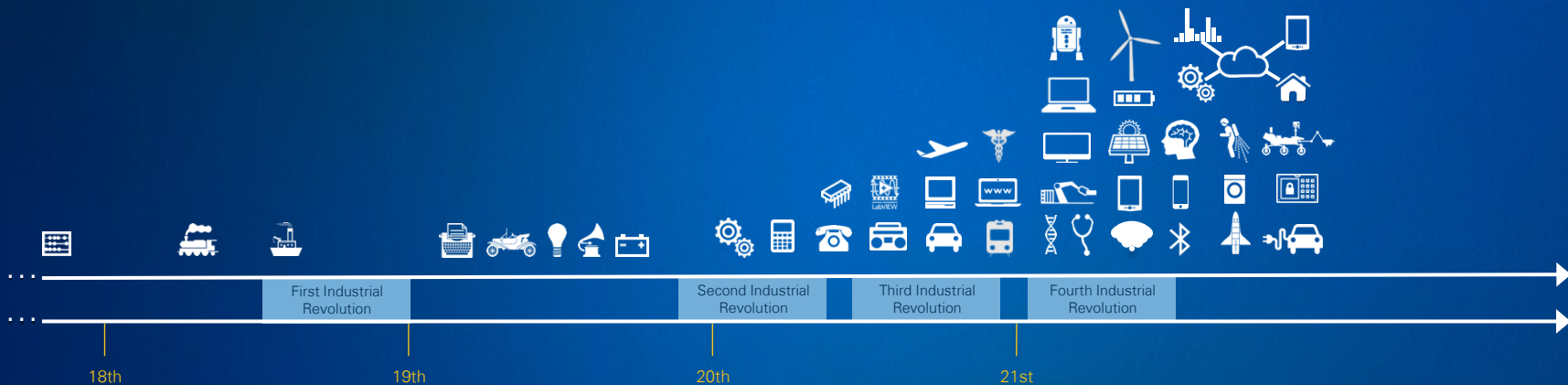
PXI

NI Hardware

Platform-Based Approach

10X Reduction
Development Time





NIDays



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17:10	Certified LabVIEW Associate Developer (CLAD) ispit		
serbia.ni.com		Zadržavamo pravo da promenimo ili modifikujemo plan dnevnog reda	

Thank you!

- Get additional resources on LabVIEW

www.ni.com/labview

- Learn about NI and Data Acquisition

www.ni.com/daq

Where to go next?

- Enroll for a instructor-led LabVIEW class

www.ni.com/training

- Attend other free seminars and workshops

<http://serbia.ni.com/dogadjaji>

- Contact our technical consultant and get a free consultation of your project and potential solutions!

Toll-free number: 06 80 204 704

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Web: <http://serbia.ni.com>