

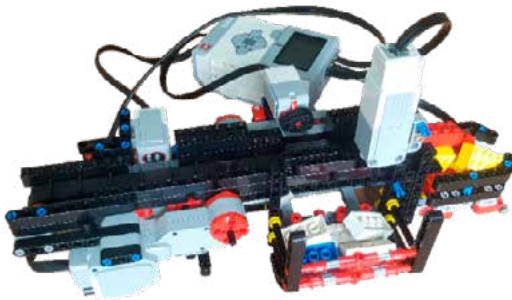
HANDS-ON WORKSHOP

INTERNET OF THINGS



Experience Digital Transformation and Industry 4.0 live with ThingWorx and LEGO Mindstorms

Close the gap between theory and practice with challenging examples on ThingWorx in the SF „hands-on“ workshop



Participants and Outlines

The workshop is intended for

- Lead engineers
- Developers in I4.0-Taskforces
- Project and development managers

who are facing Industry 4.0 and IoT challenges or who are going to do so in the future.

Within 1 to 3 days, participants will develop ThingWorx Mashups and JavaScript code to connect and control LEGO mindstorms components using ThingWorx. Data and information of the LEGO components are processed and can be viewed on tablets and smartphones by the use of augmented reality.

The Workshop

In our IoT workshop, ideas and the fundamentals of Internet of Things (IoT) and Industry 4.0 (I4.0) are explained vividly and realistically using practical exercises with LEGO Mindstorms and PTC's IoT platform ThingWorx. Participants are given the opportunity to realize core topics such as connectivity, data analysis or predictive maintenance and augmented reality on their own using LEGO robots „hands on“, which are controlled by a ThingWorx application.



Content

- Concepts and ideas of Internet of Things and Industry 4.0
- Connectivity, Rapid Application Building and data visualization using ThingWorx Foundation
- Predictive Analytics and machine learning using ThingWorx Analytics
- Augmented reality using Vuforia



SF | Are you interested?

For further information on our workshop and for workshop appointments, contact Dr Christian Steinle by email at steinle@sf.com or by calling + 49 89 323 501-19



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