



NUCLEI NEWSLETTER

Open Seminar: Customer-centered digital business models and processes

On October 10, 2017 the NUCLEI project partner Cluster **Mechatronik & Automation (CMAB)** held a open seminar on digital business models in Nuremberg.

The seminar focused on the march of digitalization and on the on-going transformation of society in the years to come. Users of digitalized solutions, especially in manufacturing and trade are increasingly affected by this dynamic. Many fear to miss out on this trend and lose out in competition. Against this background our project partner CMAB held this seminar in collaboration with **NEW ELEMENTS GmbH**. Participants discovered the possibilities of digital change to develop modern and customer-oriented business models and discussed national and international best-practice-examples.

The present open seminar series that is funded by NUCLEI, offers the opportunity to discuss digitalization and to set present best-practice-solutions for a successful digital transformation of traditional business models. The seminar series is open to decision makers, software developers and project leaders.

Exposition RCMT at MSV Brno 2017

At the 59th International Engineering Fair in Brno, RCMT presented the NUCLEI project and the results of the cooperation projects the industry. The new **WeldPrint MCV 5X** machine (HM technology) presented at the hall P at the booth of the KOVOSVIT

MAS Company, which was developed with the cooperation of Kovosvit MAS and RCMT. This machine was awarded by the **MSV 2017 Gold Medal** in the category Innovations, which was demonstrably established in the contractual cooperation of companies with research organizations in the Czech Republic/Slovakia as part of state-funded development projects.

Moreover, the student projects of the Institute of Production Machines and Equipment of CTU in Prague, such as a robot printed on a 3D printer, was presented together with other exhibits in Hall Z at the booth of the Czech Technical University in Prague.

Upcoming Events

Open Seminar: Human Machine Interaction - Assistive Robotics, Steyr, Austria

On November 22, 2017 our project partner **BIZ-UP** organises the next open seminar on "Human Machine Interaction - Assistive Robotics" in collaboration with **PROFACTOR GmbH** in order to give participants insights into their recent project *AssistME* as applications and human-machine interactions.

Assistive robotics combines man and machine, intelligence and computing power, thinking assets and strength meaningful. Such systems are important for a production of the future.

For more information please click [here](#).





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© NUCLEI: Exposition RCMT at MSV Brno 2017

Open Seminar: Industrial internet-of-things (IoT) and supply chain integration, Treviso, Italy

As part of the series titled “Digital transformation for a human-centred industry 4.0” by project partner t2i, the open seminar “Industrial IoT and supply chain integration” in Treviso on November 23, 2017 will focus on the key enablers of digital transformation. Participants will get insights from international research organisations and industry players will explain for example how open middleware for prototyping IoT services provide the foundation for interoperable end-to-end testing and proofs of concept. The event will also showcase how universities can develop innovative data-driven solutions for automation systems (Dpt of Information Engineering, University of Padova).

For more information please click [here](#).

Open Semiar: Selected aspects of implementing Industry 4.0 in industrial and social practice, Košice, Slovakia

On November 28, 2017 our project partner ATR invites experts to give selected aspects of implementing Industry 4.0 in industrial and social practice within their first open seminar.

For more information please click [here](#).

SPS IPC Drives, Nuremberg, Germany

Our communication leader ITQ will be presenting its latest IoT and automation demonstrator *smart4i Digital Twin* during the SPS IPC

Drives 2017. At the common booth Bayern Innovativ (hall 6, stand 240) ITQ will be informing interested visitors about the demonstrator which was developed as part of the NUCLEI project.

The SPS IPC Drives is Europe’s leading exhibition for electric automation. The topic of **Industrie 4.0** is developing from a vision to reality will be a main focus of the exhibition. In the age of **digital transformation**, IT and automation are increasingly merging and this will be reflected at this year’s event as never before.

For more information please click [here](#).

More upcoming Events

[Tips and Tricks of Additive Manufacturing on December 6, 2017 in Vignola \(Modena\), Italy](#)

[Human-robot collaboration \(HRC\) and ergonomics on Februar 8, 2017 in Treviso, Italy](#)

What is NUCLEI?

Watch the latest project videos and [subscribe](#) to our Youtube-Channel.

