

NUCLEI - IOT CASE STUDY “SMART4I NEXT GENERATION” AT SPS TRADE FAIR

Press release

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NUCLEI project – lot case study “smart4i next generation” at SPS trade fair

Nuremberg, November 27, 2017. Ten partners led by the Italian CRIT will work together in the next 3 years to change the current obsolete innovation management model from a “local-based” technology scouting approach to a transnational pool of knowledge that supports advanced manufacturing innovation across regional borders. With their latest case study “smart4i next generation”, IoT and automation processes are taken to the next level at this year’s SPS IPC drives in Nuremberg.

The Industrie 4.0-Demonstrator “smart4i“ was inaugurated at [interpack in Düsseldorf](#) in May 2017. Here, 36 young engineers have presented the benefits of of an **interdisciplinary Systems Engineering** to visitors and other exhibitors: with the example of the **production of personalised powerbanks**. Once initiated by [VDMA](#) and [ITQ GmbH](#) (NUCLEI project communication leader), the student project received support from numerous partners from the industry as well as research.

On the [SPS IPC Drives 2017](#) ITQ will present the next generation of its smart4i, which takes the IoT and automation challenge to the next level: its **new virtual model** (“digital twin”) is able to show the **production live** from Garching (near Munich) as well as Las Palmas (Gran Canaria). At our **joint stand (hall 6, no.240) with Bayern Innovativ GmbH** the smart4i will be the main highlight while representing an integral part of our NUCLEI project as well.

NUCLEI - acronym of “Network of manufacturing clusters for enhanced open innovation in the Central Europe advanced manufacturing and processing industry” - benefits from a 2 million euros funding and unites some of the main European players in the field of innovation, applied to the manufacturing industry: Business Upper Austria Mechatronics Cluster (AT), t2i - technology transfer and innovation scarl (IT), Cluster AT+R (SK), Wroclaw University of Technology (PL), Cluster Mechatronics & Automation Bavaria (DE), ITQ GmbH (DE), Czech Technical University in Prague (CZ), ASTER (IT), Steinbeis Innovation (DE) and the project leader CRIT from Italy.

More Information:

<http://www.interreg-central.eu/Content.Node/NUCLEI.html>

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