

NETWORKED, ADAPTIVE PRODUCTION

25 APRIL 2018
HALL 2, BOOTH C22
16.00 – 18.00

Invitation to the Opening Ceremony
Hanover Fair, 25 April 2018

INTERNATIONAL CENTER FOR NET- WORKED, ADAPTIVE PRODUCTION



The Fraunhofer Institutes for Production Technology IPT, for Laser Technology ILT and for Molecular Biology and Applied Ecology IME in Aachen plan to collaborate with renowned partners from industry to develop new production systems and value chains at the International Center for Networked, Adaptive Production. These advances will be fully in line with the principles of Industrie 4.0, setting the standards for manufacturing in the future.

At the Hanover Fair we will demonstrate how you can take part in the work carried out at the Center and obtain the sole right to exploit the latest research results for your company. By becoming part of our community you can help to shape selected development projects, network with other pioneers of Industrie 4.0 and foster a lively exchange of ideas and experience with companies and scientists at the interface between IT and production technology.

You are cordially invited to join us in Hall 2, Booth C22 at the Hanover Fair from 16.00 on the 25 April 2018 to see for yourself how your company can profit from the latest developments in networked, adaptive production.

Program for the opening ceremony

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| 16.00 | Welcome at the Fraunhofer-Gesellschaft, Hall 2, Booth C22
Moderator: Judith Schulte-Loh |
| 16.05 | Fraunhofer High Performance Centers: Science and Industry standing shoulder to shoulder
Dr. Hans-Otto Feldhütter, Fraunhofer-Gesellschaft, Munich |
| 16.20 | Fraunhofer in NRW: Competitiveness for the technology hub
Susanne Schneider-Salomon, Ministry of Culture and Science of the German State of NRW, Düsseldorf |
| 16.35 | New production systems and value chains – how companies benefit from the results of applied research
Dr.-Ing. Thomas Bergs MBA, Fraunhofer Institute for Production Technology IPT, Aachen |
| 16.50 | Potentials and applications for 5G data transfer in industry
Stefan Koetz, Ericsson GmbH, Düsseldorf |

17.05 The digital twin in the production of turbo engine components

Thomas Dautl and Dr. Steffen Gerloff,
MTU Aero Engines AG, Munich

17.20 Smart configuration puts flexibility into the production of batteries for electromobility

Dr. Joachim Döhner, Kuka Industries GmbH,
Augsburg

17.35 From plants to marketable, approved drugs – Big Data Analytics for automated vertical farming

Prof. Carsten Claussen and Dr. Johannes Buyel,
Fraunhofer Institute for Molecular Biology and Applied Ecology IME, Hamburg/Aachen

17.50 Networked, Adaptive Production – how to implement Industrie 4.0 in industrial practice

Questions and answers for visitors to the fair and press representatives

18.00 Get-together

Networking with the partners of the International Center for Networked, Adaptive Production at the trade fair booth

Partners of the International Center for Networked, Adaptive Production

- Fraunhofer Institute for Production Technology IPT
- Fraunhofer Institute for Molecular Biology and Applied Ecology IME
- Fraunhofer Institute for Laser Technology ILT
- RWTH Aachen University
- WBA Tooling Academy Aachen GmbH
- GF Machining Solutions
- Starrag Group Dörries Scharman
- Continental
- Procter & Gamble Manufacturing GmbH
- Soventec GmbH
- ORF Genetics
- Sequip S+E GmbH
- Ericsson GmbH
- MTU Aero Engines AG

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