

”TEOLLISUUDEN DIGITALISAATIO” - OPINTOMATKA SAKSAAN

Joensuun Tiedepuisto järjestää FinDera Consulting kanssa teollisuuden digitalisaatio -ratkaisuihin keskittyvän tutustumismatkan Saksaan. Matka toteutuu 14.-16.11.2018. Matkan aikana tutustumme kiinnostaviin yrityksiin ja asiantuntijoihin, joilta kuulemme uusista tehokkaista toimintatavoista, haasteista ja mahdollisuuksista. Samalla verkostoidumme sekä kansainvälisten, että matkalle lähtevien kotimaisten toimijoiden kanssa. Matkan painopiste on tutustuminen käytännönläheisiin malliesimerkkeihin.

Ohjelma

Keskiviikko 14.11.2018

05.30 Kokoontuminen Joensuu lentokentällä lähtöportilla

06.00 Lento AY 350 Joensuusta Helsinkiin (perillä 07.05)

07.10 Kokoontuminen Helsingin lentokentällä lähtöportilla

07.40 Lento Finnair AY 1391 Helsingistä Düsseldorfin (perillä 09.05)

10.00 Siirtyminen bussilla lounaalle

11.45 Lounas (Rheda-Wiedenbrück)

Restaurant Horizont

<https://www.hotelsonne.de/gastronomie>

13.15 Siirtyminen bussilla kohteeseen

14.00 **Kohde I**

Weidmüller Group (Detmold)

Weidmüller is a global leader in electronics and automation for industrial applications in the power, signal and data sectors. In the light of Industry 4.0, customised, highly flexible and self-controlling production units often still seem to be a vision of the future. As a progressive thinker and trailblazer, Weidmüller already offers concrete solutions that allow producing companies to prepare themselves for the “Internet of Things” and for safe production control from the Cloud – without the need to modernise their entire range of machinery.

<http://www.weidmueller.com/int/corporate/industry-4-0>

<https://www.plattform-i40.de/I40/Redaktion/EN/Use-Cases/103-transparent-factory-detmold/article-transparent-factory-detmold.html>

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16.45 Siirtyminen bussilla hotelliin

17.30 Majoittuminen hotelliin (Bielefeld)

Brenner Hotel

<https://www.brenner-hotel-bielefeld.de/?accepted>

18.00 Vapaa-aika / Siirtyminen Bielefeldin keskustaan

19.30 Yhteinen illallinen

Brauhaus Joh. Albrecht

<http://bielefeld.brauhaus-joh-albrecht.de/>

Torstai 15.11.2018

08.45 Lähtö bussilla kohteeseen

09.30 **Kohde II**

MIT Moderne Industrie Technik GmbH & Co. KG (Vlotho-Exter)

MIT is one of the leading manufacturers of system solutions for process technology. They handle the complete management of your project and deliver an assembly module. They offer an all-inclusive package covering project planning, construction after sales service. In-house engineering and a modern production allow flexible and intelligent solutions to "ideal-line". Based on their wide range of industrial valves, they find the suitable solution for every application. Using intelligent solutions, which combine a large variety of components and functions in a minimum of space, they raise the hidden efficiency potential of your application. From single copies to series, they realize ambitious solutions, thanks to modern production facilities with CNC machines and a top class equipped welding technology. Flexible and fast.

<http://systemarmaturen.com/en/>

11.30 Siirtyminen bussilla lounaalle

12.00 Lounas (Lemgo)

Stadtlicht

<https://stadtlicht-lemgo.wixsite.com/stadtlicht-lemgo>

13.15 Siirtyminen bussilla kohteeseen

14.00 **Kohde III**

Phoenix Contact (Bad Pyrmont)

A global market leader and innovator in the field of electrical engineering. They manufacture industrial automation, interconnection, and interface solutions. With almost 100 years of experience in machine building and automation, they are ideally placed to take the digital transformation of our

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world and turn it into the intelligent production of tomorrow. Here, extensive manufacturing capability, in-house machine building, and expert automation know-how are just three of the many reasons why Phoenix Contact is a reliable partner. They are demonstrating what is already possible today in their own production processes. You will find various examples of use for the implementation of Industrie 4.0.

https://www.phoenixcontact.com/online/portal/pc?1dmy&urile=wcm:path:/pcen/web/offcontext/in_site_landing_pages/1323f37f-e566-4009-8645-661c715cea23/1323f37f-e566-4009-8645-661c715cea23

16.00 Siirtyminen bussilla hotelliin

17.30 Majoittuminen hotelliin (Bielefeld)

Brenner Hotel

<https://www.brenner-hotel-bielefeld.de/?accepted>

18.00 Vapaa-aika / Siirtyminen Bielefeldin keskustaan

19.30 Yhteinen illallinen

Pepper's

<https://www.peppers-bielefeld.de/index.html>

Perjantai 16.11.2018

08.45 Lähtö bussilla kohteeseen

09.30 **Kohde IV**

Benteler Automotive (Paderborn)

Benteler is a global group of companies engaged in the development, manufacture and marketing of safety-relevant products, systems and services for the automotive, energy and engineering sectors.

Benteler is promoting ideas and fostering innovations, through selected think tanks, start-up platforms and research projects. Long-term only those who welcome digital change in an open, active and courageous way will be successful. Benteler has been investing for many years in innovations management and pushing ahead with digitalization.

<https://www.benteler.com/about-us/progress-and-innovation/>

11.30 Siirtyminen bussilla lounaalle

11.45 Lounas

Deutsches Haus (Paderborn)

<http://bono-gastronomie.de/gastronomie/deutsches-haus/>

13.00 Siirtyminen bussilla kohteeseen

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13.15 Kohde V

Fraunhofer IEM / It's OWL (Paderborn)

The innovation region Ostwestfalen-Lippe is one of the strongest economic locations in Europe. Primarily resident are the industries of mechanical and plant engineering, electrical and electronics as well as automotive supply. The Fraunhofer Institute for Mechatronic Systems Design IEM is an expert for intelligent mechatronics in the context of industry 4.0. Scientists from the fields of mechanical engineering, software engineering and electrical engineering collaborate interdisciplinary at the Paderborn site. Focusing on "Advanced Systems Engineering", Fraunhofer IEM explores innovative methods and tools for the development of intelligent products, production systems and services. Underlying core competencies are intelligence in mechatronic systems, Systems Engineering and Virtual Prototyping.

The Leading-Edge Cluster it's OWL is considered to be the largest and most concrete project in the context of Industry 4.0.

<https://www.iem.fraunhofer.de/en/fraunhofer-iem.html>

<http://www.its-owl.com/home/>

14.45 Lähtö bussilla lentokentälle

16.45 Lentokenttä Düsseldorf

18.45 Lento Finnair AY 1396 Helsinkiin (perillä 22.05)

23.40 Lento AY 349 Joensuuhun (perillä 00.45)

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