IPEC 2020

Integrated Plant Engineering Conference
Cognitive Engineering & Production

March 11, 2020
IHK Akademie Walter-Braun-Straße 15 IHK-Akademie Nuremberg
Nuremberg Germany

V 2019-10-20

08:00 Registration and Welcome Coffee

09:00 **Introduction into AI, Cognitive Engineering & Production**
Dr. Ronald Künneth, Industrie- und Handelskammer Nürnberg für Mittelfranken / Automation Valley Nordbayern

Cognitive Engineering from the start
Matthias Barbian, VDI-Bezirksverein Bayern Nordost / VDE-Bezirksverein Nordbayern

09:20 **Start up challenge experience**

“from Silicon Valley to London”

Tuhin Chakraborty, Co-Founder / CEO Mimica Automation, USA (Silicon Valley) / UK (London)

Tuhin Chakraborty

From Silicon Valley to London's Tech City
An interview with co-founder of Mimica: Tuhin Chakraborty

Source: https://www.collectiveequity.com/ceo-interview-mimica.html

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Digital experiences of our international partners

09:50 **Automation and Cognitive Engineering in Sweden**
Catarina Berglund, Process Manager Cluster Automation Region, Sweden

10:15 **Experiences from Finland**
Reijo Kangas, Executive Director, BUSINESS Finland, Helsinki

10:40 Coffee Break - with **International bilateral Meetings** (register here)

11:20 **AI & Cognitive Engineering in the Netherlands**
N.N., SIOUX TECHNOLOGIES, Netherlands

11:45 **Machine vision technology and robot guidance from Denmark**
Tue Moerck, Managing Director, IHFood A/S, Denmark

12:10 **AI Use Cases from Estonia & Finland**
Heiti Mering, Business Development Manager, Tieto Estonia, Estonia/ Finland

12:35 Lunch - with **International bilateral Meetings** (register here)

Practice

13:45 **History and Future of artificial neuronal networks**
Dr. Hans-Georg Zimmermann, Chief Scientist, Fraunhofer IIS/SCS Analytics, Nürnberg

14:15 **Cognitive engineering in production - a real experience**
Frank Seiferth, CEO SEITEC GmbH & seioTec GmbH, Erfurt

14:45 **Data collection and usage through AI - A glimpse into practice**
Dr. Eugen Staab, Prokurist, Plan Software | N4, Saarbrücken

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Future Session ENGINEERING 2050

15:15 ## Cognitive ENGINGEERING 2050

Business Plan ENGINEERING 2050 and possibilities for SME

Frank Wolter with Nina Metz and Christine Hader, Interdisciplinary ENGINEERING 2050 team
Business Plan supported by Prof. Dr. Kai-Uwe Wellner, International Management @ Nuremberg Tech

Picture shows Matthias Barbian and Nina Metz for ENGINEERING 2050 at Nürnberg DIGITAL FESTIVAL 2019 – Photo by Michael Schels

15:45 Discussions and networking with fingerfood

with **International bilateral Meetings** (register here)

Registration for the Conference: https://www.automation-valley.de/ipec2020/

Separate Registration for International bilateral Meetings. (register here)

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Organizer:

Industrie- und Handelskammer Nürnberg für Mittelfranken,
presented by President Dirk von Vopelius and CEO Markus Lötzsch. Ulmenstraße 52, 90443 Nürnberg

IHK Industrie- und Handelskammer Nürnberg für Mittelfranken

For organizational questions please contact.

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For content related questions please contact.

VDI Bezirksverein Bayern Nordost

VDE NORDBAYERN

VDI-Bezirksverein Bayern Nordost e.V. / VDE-Bezirksverein Nordbayern e.V.,
Dipl.-Ing. Matthias Barbian
Spokesman Industrie 4.0 & Digital Industries
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For questions concerning the International bilateral Meetings please contact:

enterprise europe network
Business Support on Your Doorstep

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Exhibitor information: Please contact us if you are interested in presenting your company and products.

Exhibitors:

Automation Valley Nordbayern

Schwedische Handelskammer in der Bundesrepublik Deutschland

Automation Region

BRAINCREATORS

VDI Bezirksverein Bayern Nordost

VDE NORDBAYERN

2050 ENGINEERING

ZD.B ZENTRUM DIGITALISIERUNG. BAYERN

European Union European Regional Development Fund

Investing in your future

EAS Enterprise Estonia

INSTITUT FÜR NACHHALTIGKEIT INSTITUTE FOR SUSTAINABILITY

Plan software member of N4

N4 we solve it

SEITEC SEIFERTH TECHNOLOGIES

seiotec digital change

TREVISTO

KURZ DIGITAL

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Supported by :

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Slovensko-nemecká obchodná a priemyselná komora

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International pre-event on March 10, 2020

Limited for international guests and speakers.

16:00 Company visit - with round of introduction

ADA-Center (Bavarian Center for analytics, data and application) & Test and Application Center L.I.N.K (Positioning – identification – navigation – communication | 1400m² interior und 10.000 m² space outside)
Nordostpark 84, 90411 Nürnberg

- www.iis.fraunhofer.de/de/profil/zukunftsinitiativen/adacenter
- https://www.iis.fraunhofer.de/de/profil/standorte/linkhalle.html

ADA
ANALYTICS DATEN ANWENDUNGEN

18:30 International Dinner

ADA-Center Nordostpark 84, 90411 Nürnberg (tbc.)
Organized by the Enterprise Europe Network

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3rd Swedish German Innovation Table

Swedish Delegation Program on March 12, 2020

Limited for Swedish guests and participants from the Nuremberg Metropolitan Region (max. 30 persons).

Venue: to be announced

09:00 **Welcome, Introduction of Participants and Expectations**
Kerstin Knabenbauer, Swedish Chamber of Commerce in Germany

09:15 **Common Transformation Challenges in Sweden and Germany**
Kerstin Knabenbauer & Matthias Barbian

09:25 **Innovation Systematics**
Dr. Mikael Johnsson, Mälardalens Högskola, University of Applied Sciences Västerås

09:55 **Best Practices**
Outcome of SEGEIT 2019

10:10 **Coffee Brake**

10:30 **Workshop 1**

11:15 **Workshop 2**

12:00 **Lunch**

13:00 **Workshop 3**

14:00 **Summary**
Conclusion and Next Steps

15:00 **Farewell**

Organized by: Kerstin Knabenbauer (Schwedische Handelskammer in der Bundesrepublik Deutschland, Sachsenstraße 6, 20097 Hamburg , Tel: 040 566 8740) Please register via Email.