

TRENDS IN SMART MANUFACTURING

Stockholm, 2018-09-26



AGENDA

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- 8:45-9:15 Registration and mingle
- 9:15-9:30 **Welcoming by PMH Application Lab**
Jannik Henser
- 9:30-10:15 **Session 1 - Requirements from industry**
- 9:30-10:15 **Challenges and opportunities in smart manufacturing**
Hans Olofsson
Scania
- 10:15-10:45 Coffee break
- 10:45-12:30 **Session 2 - Enabling technologies**
- 10:45-11:15 **Using cellular technologies for smart manufacturing**
Ulrika Engström
Ericsson
- 11:15-12:00 **MES from rwt for smart factory**
Friedrich Schaffert
rwt GmbH
- 12:00-12:30 **Smart machine tools with new technologies**
Alfred Geißler
DECKEL MAHO Pfronten GmbH
- 12:30-13:30 Lunch break
- 13:30-16:30 **Session 3 - Data analytics for simulation and improved performance**
- 13:30-14:00 **Service enablement platform for smart manufacturing**
Martin Helgason
Sandvik Coromant

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- 14:00-14:30 **Simulation and optimization of machine lines at Volvo Cars**
Tehseen Aslam
Volvo Cars
- 14:30-15:00 **Efficient networking of optical production systems**
Arno Schmetz, Daniel Zontar
Fraunhofer IPT
- 15:00-15:30 **Smart decision making based on analytical methods in cyber-physical manufacturing systems**
Marcello Colledani
Politecnico di Milano
- 15:30-16:00 Coffee break
- 16:00-16:30 **MindSphere - Siemens operating system for industrial IoT**
Rikard Skogh
Siemens
- 16:30-17:30 **Session 4 - Interoperability in smart manufacturing - standardization and security**
- 16:30-17:00 **Industrie 4.0 components and the Administration shell**
Michael Hoffmeister
Festo
- 17:00-17:30 **5G for industries**
Torbjörn Lundahl
Ericsson
- 17:30-17:45 **Closing by PMH Application Lab**
Jannik Henser



REGISTRATION



Smart manufacturing

Nowadays digitalization of production is a key to a successful business and development: smart manufacturing merges technology, information and human, rapidly transforming the whole industry. In dramatically changing tendencies it is crucial to be up-to-date with the latest trends and to stay relevant in an increasingly competitive global market.

The PMH Application Lab seminar on Trends in Smart Manufacturing features multiple experts coming from the forefront of advanced information and manufacturing technologies and thus provides a great opportunity to gain valuable insights into future trends and challenges in smart manufacturing. The seminar allows for a close exchange between experts from industry and academic research institutes and is the perfect environment to extend your network.

Venue:
Swerea KIMAB
Isafjordsgatan 28A
164 40 Kista
Sweden

Registration info

The registration form for the seminar “Trends in Smart Manufacturing” on the 26th of September 2018 can be found at the following link:

[Online registration form](#)

The registration will be open from the 27th of July until the 19th of September.

Fee

General participant 5000 SEK (excl. VAT)

Member of PMH R&D cluster 3600 SEK (excl. VAT)

The registration fee includes a conference package, access to speaker presentations, welcome reception, buffet lunch, coffee and refreshments.

The registration fee can be refunded until two weeks before the seminar (2018-09-12). After expiration of this term, it is only possible to change the participant who will attend the seminar.

Changes to your registration

Regarding changes to your registration, please contact one of the following seminar organisers.

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About PMH Application Lab

The Powertrain Manufacturing for Heavy Vehicles Application Lab (PMH Application Lab) is a research center at KTH which is operated in collaboration with the German research organization Fraunhofer and the Swedish network of research and technology organizations RISE.

The PMH Application Lab works in research and development for the improvement of technologies in the field of powertrain manufacturing for heavy vehicles on high technology readiness levels to strengthen the competence of the Swedish heavy vehicle industry in this area. This comprises project execution, project coordination and dissemination with the goal to validate technologies and to accelerate the transfer of these technologies into industrial application.

Our research partners:

KTH Royal Institute of Technology
www.kth.se

Fraunhofer IPT
www.ipt.fraunhofer.de

Fraunhofer IWU
www.iwu.fraunhofer.de

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