

Virtual VDMA Info Day

“Fluid Power – Technics and Standardization”

Thursday, 4 March 2021

Conference language: German, simultaneous translation into English

Programme

- 10:00** **Welcome, compliance regulations and organizational information**
Ferdinand Rein, SMC Deutschland GmbH,
Chairman of the Fluid Power standardization advisory board
- 10:05** **Focus on economy and standardization**
- **Mechanical engineering economy 2021**
Anke Uhlig, VDMA Economics and Statistics
 - **Standardization activities in Fluid Power**
Ferdinand Rein, SMC Germany GmbH
 - **Industrie 4.0 – National and international standardization with reference to Fluid Power**
Udo Bausch, Bosch Rexroth AG
 - **IIoT architecture of the future – implementation using the example of a hydraulic press**
Dr Roland Bublitz, Parker Hannifin Manufacturing Germany GmbH & Co. KG
- 11:30 – 11:40** **Break**

11:40

Sustainability and Fluid Power solutions

- **From the EU Green Deal to the CO₂ footprint: Where are the opportunities and challenges for mechanical engineering?**
Frederike Krebs, VDMA European Office
- **Energy-efficient pneumatics**
Mario Heitmann, SMC Deutschland GmbH
- **Energy efficiency – requirements and implications for the design of hydraulic drive systems**
Dr. Klaus Roosen, Parker Hannifin Manufacturing Germany GmbH & Co. KG

13:00 – 13:40

Break

13:40

Perspectives for Fluid Power

- **HRI, robotics without electric drives – Is that possible?**
Robert Strommer, Festo SE & Co. KG
- **Energy savings in Fluid Power –This potential we should use!**
Tobias Radermacher, TU Dresden, Institute of Mechatronic Engineering
- **From condition monitoring to predictive maintenance: How industrial applications can benefit from AI and machine learning**
Sebastian Werler, Festo SE & Co. KG

Closing words

15:00

End of the conference

Status: 26.01.2021

Subject to change without notice

Participants

The event is addressed to managers and specialists from the fluid power industry and their customer groups.

Registration and organization

The event is free of charge.

Interested parties please register by **Friday, 2021-02-26**. Link to the registration:

<https://www.vdma.org/kalender/-/event/view/62503>

Organizational information

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