Dutch Fluid Power Conference

Dutch Fluid Power Conference 2016

November 10th 2016 - The Netherlands

*System **architecture** in **hydraulics** (Design)*

>> Location: CineMec Ede, The Netherlands (1 hour traveltime from Schiphol Airport by car or railway)

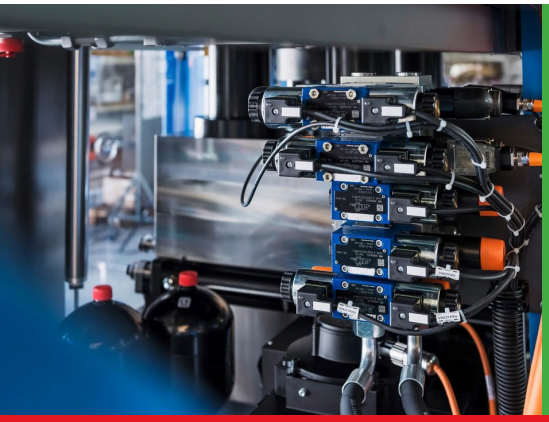
>> Attendance fee: € 275 excl. VAT

www.dfpc.nl

The 7th edition of the Dutch Fluid Power Conference takes place in the Netherlands on November 10th 2016 in Ede

This 7th edition of the Dutch Fluid Power Conference aims to share knowledge on system approach and its architecture in innovative hydraulics. In a collaborative environment manufacturers, experts, system designers, end-users and students are brought together. Make sure you do not miss this biannual event and apply now!

- Increase knowledge on system approach and its architecture in hydraulics.
- Learn about early-phase project choices and its effect on the final functionality.
- Share experiences in system approach.
- Meet and network with peers from the fluid power industry.



Main topic: System architecture in hydraulics (Design)

Learn more about system architecture in hydraulics. This is the conceptual model that defines the structure, functional and/or detailed behavior, and more views of a system. The description supports reasoning about the structures and behaviors of the system. A system architecture may be given for a total drive system or part of such system. It may also comprise system components, the externally visible properties of those components, the relationships between them in the functionality of the drive.

Make sure you do not miss this biannual event and apply now!
Scan the QR-code or register at www.dfpc.nl.

Keynote speaker: André Kuipers - Astronaut

Technology and Innovation in space, and the System Engineering of ESA

André Kuipers is the first Dutch Astronaut with two space missions to his name. His second mission is the longest spaceflight in European history. In total the ESA astronaut did spent 204 days in space: 11 days during mission DELTA in 2004 and 193 days during mission PromISSe.

After years of training in Houston, Moscow, Cologne, Montreal and Tokyo, a Russian Soyuz spaceship launched André and his two crew members from Russia and America on the 21st of December 2011 from Kazakhstan. Two days later he arrived at the International Space Station for a mission for the duration of six months. On board he was not only a medical doctor, scientist and flight engineer, but also handyman and ambassador for several charities. On the 1st of July 2012, André returned to Earth and landed in his space capsule in the Kazakh steppe. Astronaut André Kuipers offers a unique look behind the scenes of international human spaceflights. He shares his story about the training, the mission and his exceptional view of our planet.

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Day Speakers

Chairmen DFPC
Peter Albers and
Ivo Willemsen

Speakers programme

Opening by chairs FEDA | VPH	
09.30 - 09.40	Welcome
09.40 - 10.10	A systematical approach for the design of a hydraulic system **Wim Roeterdink, WR-HTC**
Parallel sessions "General System Architecture"	
10:20 - 10:50	Electrical, mechanical and integration aspects of hydraulic system design **Marten Fluks, Conseon**
10:20 - 10:50	Semantic Information and Process Modelling in Mechatronic System Design **Jussi Aaltonen, Tampere University**
11.00 - 11.20	*Coffee break*
Parallel sessions "General System Architecture"	
11:20 - 11:50	Structured engineering **Robbert van Ballegooijen, Huisman**
11:20 - 11:50	An end users view on hydraulic design. Tatasteel IJmuiden specific choice in hydraulic design **René Cnossen, Tata Steel**
12.00 - 13.00	*Lunch break*
Plenary session 'Keynote Speaker"	
13:00 - 14:00	Technology and Innovation in space, and the System Engineering of ESA **André Kuipers, Astronaut**
Parallel sessions "System Architecture in Applications"	
14:10 - 14:40	Design criterias to avoide unsolved air in the Oil **Bernd Schnabel, Parker Hannifin**
14:10 - 14:40	Engineered for Maintenance & Condition Based Maintenance **Charles Simons, Bosch Rexroth**
14:50 - 15:20	Motion Compensation on Mobile Offshore Drilling Units **Jeff Insch, OILGEAR**
14:50 - 15:20	Assistance system to support the start-up procedure of electro hydraulic drives **Ulrich Walter, W.E.St. Elektronic**
15.30 - 15.50	*Coffee break*
Parallel sessions "System Architecture in Applications"	
15:50 - 16:20	STEAM - a hydraulic architecture for excavators **Roland Leifeld, IFAS Aachen**
16.30 - 17:00	Mobile Tower Restaurant **Wim Beekman, Motrac Hydraulics**
16:30 - 17:00	System architecture at 720 bar **Diederik Bekkering, Holmatro Industrial equipment**
Plenary session	
17.10 - 17.40	Discussion and wrap-up
17:40 - 19:00	Drinks and networking



How to subscribe for this conference?

The attendance fee per person is € 275,- excluding VAT.
Registration to the Dutch Fluid Power Conference includes:

- entrance to the conference,
- entrance to the exposition/Table-Tops,
- lunch-buffet and coffee/tea breaks,
- drinks and networking.

You can register and find more information about the conference on the website **www.dfpc.nl**.

About FEDA (www.feda.nl)

The Federatie Aandrijven en Automatiseren (FEDA), Federation Drive and Automation, counts more than 175 members and is the main trade association in the field of drive and automation technology in the Netherlands. The FEDA membership is open to all companies that have a relationship with drive and automation technology, which includes organizations and knowledge institutions active in this sector.

About VPH (www.platform-hydrauliek.nl)

The Vereniging Platform Hydrauliek, Association Platform Hydraulics, was founded in 1997. With this, the basis was laid for a platform where anyone interested in, or has affinity for the field of hydraulics can be member. In the meantime, the association has more than 150 enthusiastic members who are member on a personal basis. Together they pursue the associations goal "securing and passing knowledge within the field hydraulics".

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