



## Programme November 10<sup>th</sup> 2016

### Plenary session "Opening"

09:30 - 09:40 Opening by chairs FEDA | VPH  
Welcome

09:40 - 10:10 **Wim Roeterdink, WR-HTC**  
System Engineering, how to do: the principles and effects of System Engineering

### Parallel sessions "General System Architecture"

10:20 - 10:50 **Marten Fluks, Conseon**  
System Architecture: the principles and effects of System Architecture

**Jussi Aaltonen, Tampere University**  
Semantic Information and Process  
Modelling in Mechatronic System Design

10:50 - 11:10 Coffee break

### Parallel sessions "General System Architecture"

11:10 - 11:40 **Robbert van Ballegooijen, Huisman**  
Structured engineering

**Rene Cnossen, Tata Steel**  
Design hydraulic installations

11:40 - 12:40 Lunch break

### Plenary session "Keynote Speaker"

12:40 - 13:40 **André Kuipers, Astronaut**  
Technology and Innovation in space, and the System Engineering of ESA

### Parallel sessions "System Architecture in Applications"

13:50 - 14:20 **Bernd Schnabel, Parker Hannifin**  
Hydraulic design criterias to avoid air

**Charles Simons, Bosch Rexroth**  
Engineered for Service Hydraulic Systems

14:30 - 15:00 **Jeff Insch, OILGEAR**  
Motion Compensation on Mobile  
Offshore Drilling Units

**Ulrich Walter, W.E.St. Elektronik**  
Assistance system to support the start-up  
procedure of electro hydraulic drives

15:00 - 15:20 Coffee break

### Parallel sessions "System Architecture in Applications"

15:30 - 16:00 **Roland Leifeld, IFAS Aachen**  
STEAM - a hydraulic architecture for ex-  
cavators

**Gregor Jankowski, Palfinger**  
Work platforms at high heights

16:10 - 16:40 **Wim Beekman, Motrac Hydraulics**  
Mobile Tower Restaurant

**TBD, Holmatro Industrial equipment**  
System architecture at 720 bar

### Plenary session

16:50 - 17:20 Discussion and wrap-up

17:20 - 19:00 Drinks and networking

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