

[Conference main site](#)

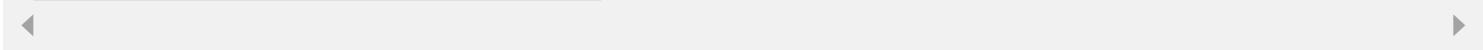
INDIN 2019 Schedule

Search using paper ID, author name, or title word:

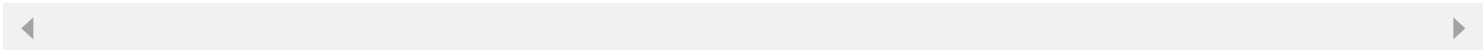
Monday 22 July 2019

Hall

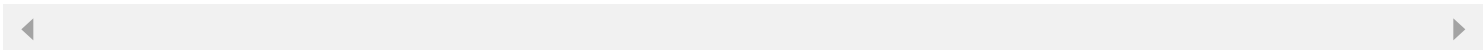
12:00 - 13:30
Lunch (at Fat Lizard Restaurant)



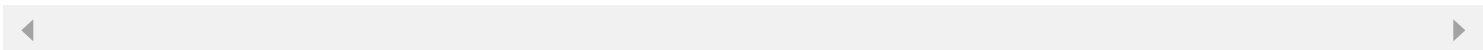
AS1



AS2



TU1



TU3

09:00 - 12:00
Workshop 2 - Distributed architectures in electric power systems

TU5**09:00 - 10:30**

Tutorial 2 - Enabling Energy Internet via Machine-type Communications

13:30 - 15:30

Tutorial 3 - Data informatics-driven machine intelligence for human-oriented computing: From deep learning-based video processing to system optimization

TU6**10:30 - 12:00**

Tutorial 4 - Reality-centric reference architectures

13:00 - 14:30

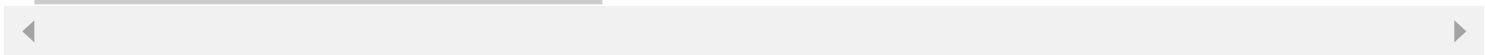
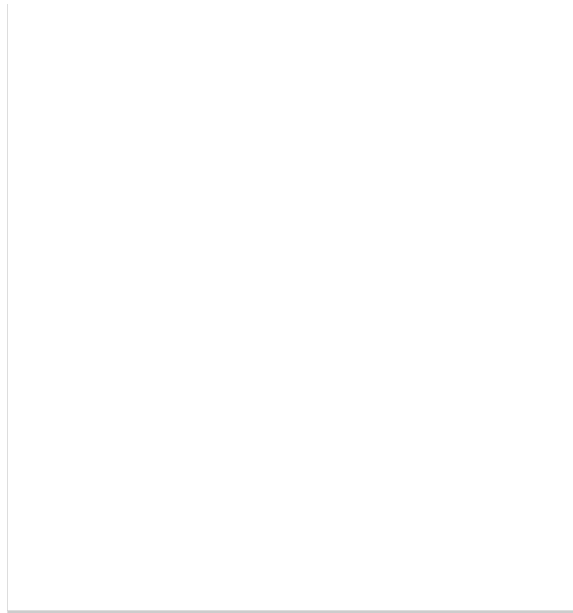
Tutorial 6 - Time Sensitive Networking from information models down to hardware

TU7**09:00 - 12:40**

Workshop 1 - Geeking IEC61499 - from function blocks programming to function block Apps validation through the DAEDALUS Marketplace

13:30 - 15:30

Workshop 1 - Geeking IEC61499 - from function blocks programming to function block Apps validation through the DAEDALUS Marketplace



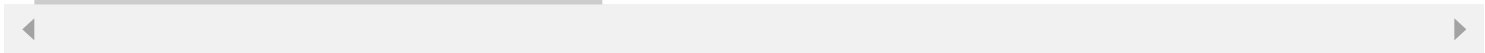
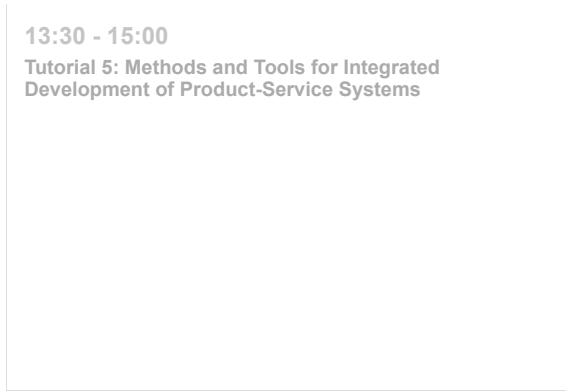
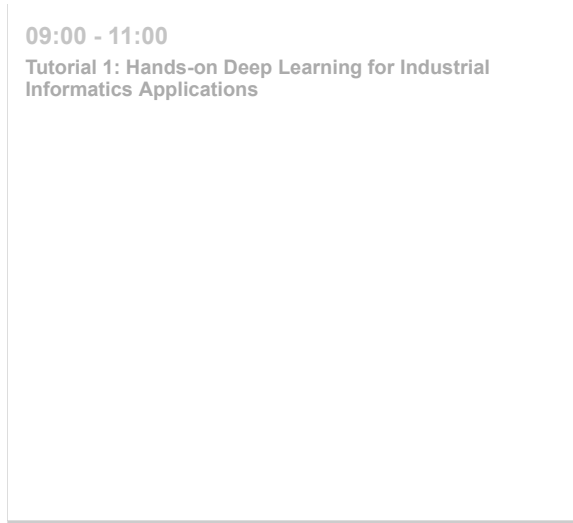
AS3

09:00 - 11:00

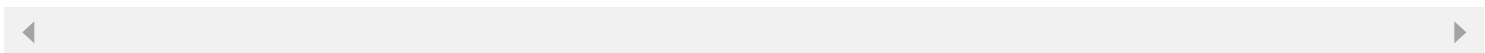
Tutorial 1: Hands-on Deep Learning for Industrial Informatics Applications

13:30 - 15:00

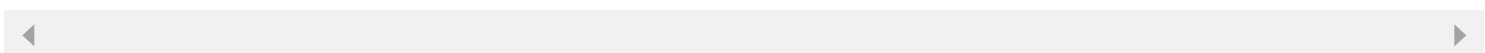
Tutorial 5: Methods and Tools for Integrated Development of Product-Service Systems



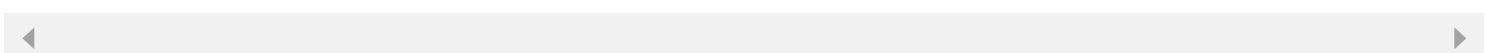
AS4



AS6



OIH



1592



1593



Tuesday 23 July 2019

Hall

10:30 - 10:50
Coffee Break

11:30 - 13:30
Lunch

15:30 - 16:00
Coffee Break

AS1

10:50 - 12:10
Robotics and Mechatronics in Industrial applications - 1

16:00 - 18:00
TT Industrial cyber-physical systems and industrial agents - 1



AS2

09:00 - 09:30
Opening ceremony

09:30 - 10:30
Keynote Speech 1: Mutli-Scale Robotics - From
brachiation robot to micro/nano robotic manipulation

10:50 - 12:10
TT Artificial Intelligence i

TU1

10:50 - 12:10

TT Factory Automation and Communication Systems- 1

16:00 - 18:00

TT Safety and Security in Industrial Applications - 2



TU3

10:50 - 12:10

SS Engineering of Software Products for Industry

16:00 - 18:00

SS Intelligent Vehicle and Transportation Systems



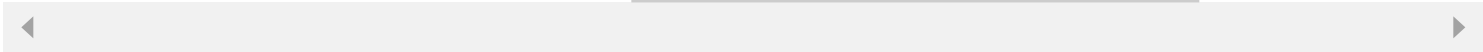
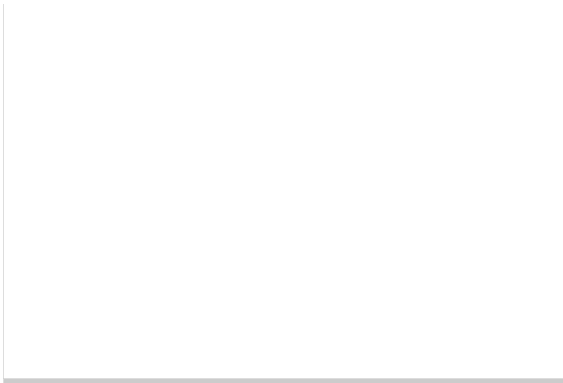
TU5

10:50 - 12:10

TT Safety and Security in Industrial Applications - 1

16:00 - 18:00

TT Systems and Software Engineering - 1



TU6

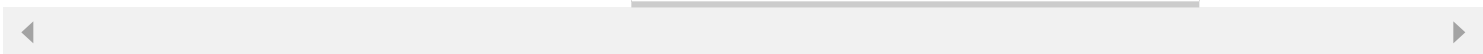
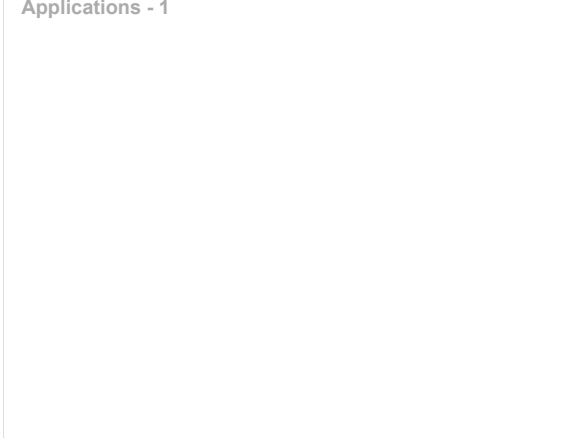
10:50 - 12:30

TT Human, Computer and Machine Interaction - 1



16:00 - 18:00

TT Industry Digitalisation and Digital Twins in Industrial Applications - 1



TU7

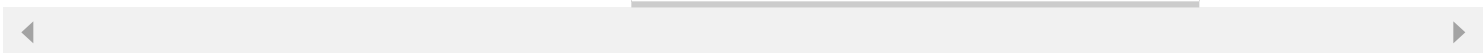
10:50 - 12:10

SS Intelligent Application of Consumer Wireless Technologies for Industry - 1



16:00 - 18:00

TT Industrial Informatics Tools - 1



AS3

10:50 - 12:10

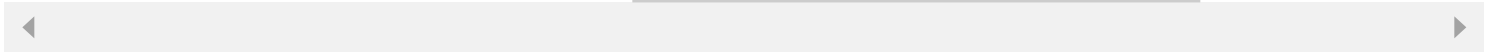
SS Deep Learning Methods for Medical Image Analysis



16:00 - 18:00

SS Holistic Approach to Control and Analysis of Complex Systems

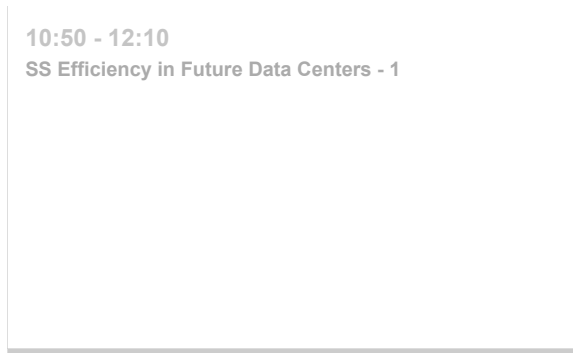




AS4

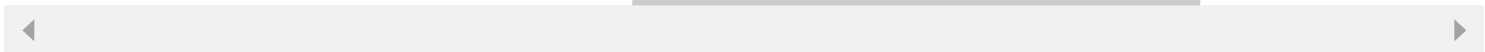
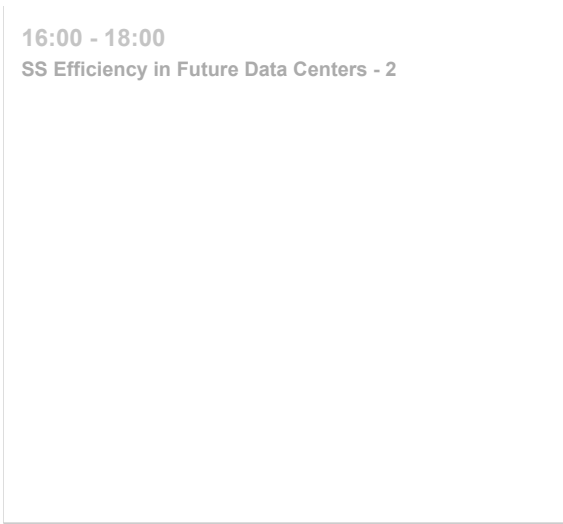
10:50 - 12:10

SS Efficiency in Future Data Centers - 1



16:00 - 18:00

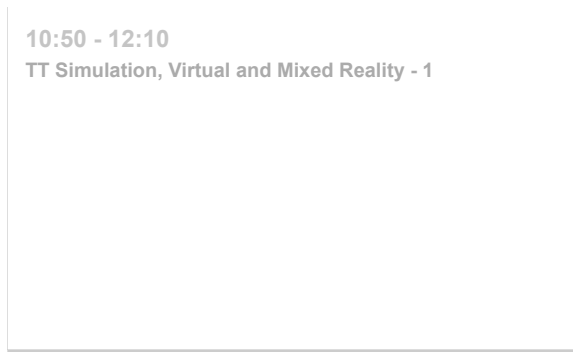
SS Efficiency in Future Data Centers - 2



AS6

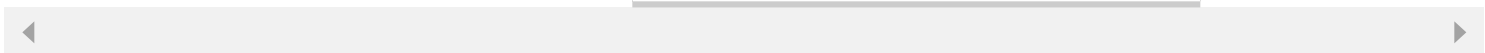
10:50 - 12:10

TT Simulation, Virtual and Mixed Reality - 1

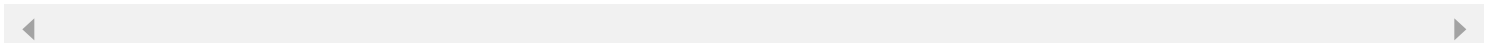


16:00 - 18:00

TT Factory Automation and Communication Systems- 2



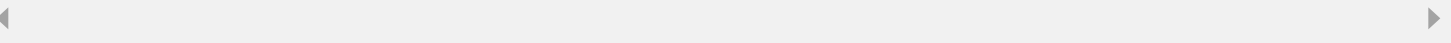
OIH



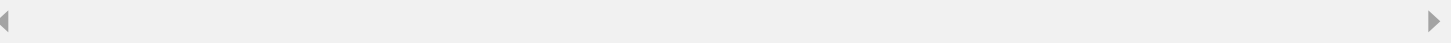
1592

16:00 - 17:20

IEEE P2660.1 standard committee meeting



1593



Wednesday 24 July 2019

Hall

10:30 - 10:50

Coffee Break

11:30 - 13:30

Lunch

15:30 - 16:00

Coffee Break

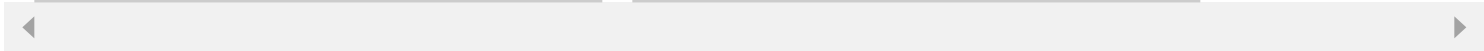
AS1

08:30 - 10:30

TT Industrial cyber-physical systems and industrial agents - 2

16:00 - 18:00

TT Industrial cyber-physical systems and industrial agents - 3



AS2

08:30 - 10:30

TT Artificial Intelligence in Industrial Applications - 3

10:50 - 12:00

Keynote Speech 3: The Science of Software and System Design

13:00 - 14:00

Keynote Speech 4: Fully Only a dream or future re

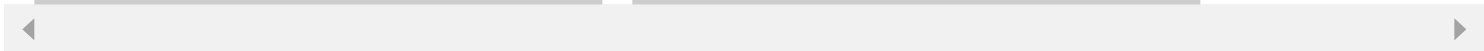
TU1

08:30 - 10:30

TT Safety and Security in Industrial Applications - 3

16:00 - 18:00

TT Artificial Intelligence in Industrial Applications - 4



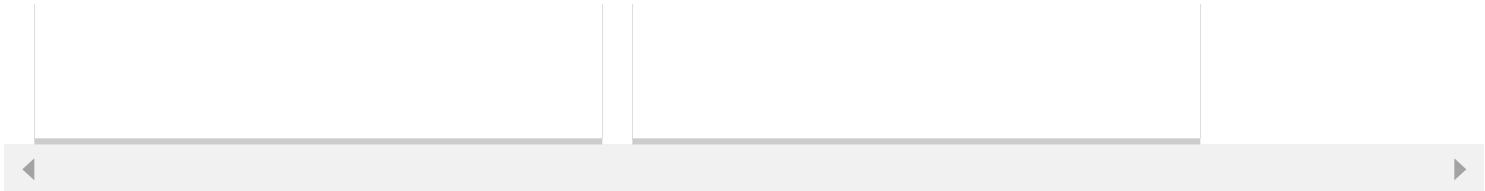
TU3

08:30 - 10:30

SS Integration of Software Agents and Low-Level Automation Functions - 1

16:00 - 18:00

TT Human, computer and machine interaction - 2



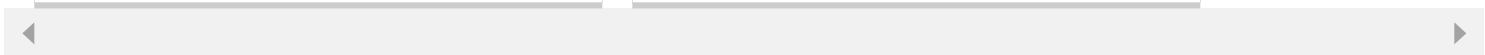
TU5

08:30 - 10:30

TT Systems and Software Engineering - 2

16:00 - 18:00

TT Robotics and Mechatronics in Industrial Applications - 2



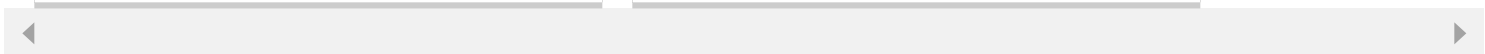
TU6

08:30 - 10:30

TT Industry Digitalisation and Digital Twins in Industrial Applications - 2

16:00 - 18:00

TT Industry Digitalisation and Digital Twins



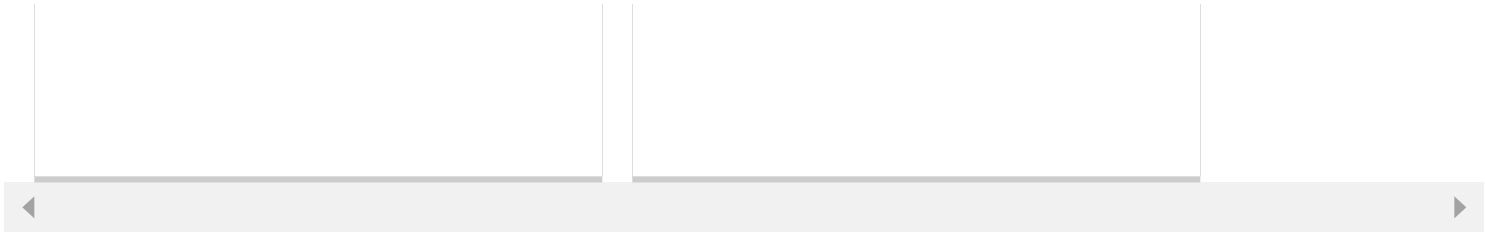
TU7

08:30 - 10:30

TT Technologies and Infrastructures for Smart grids, Buildings, and Cities - 1

16:00 - 18:00

TT Technologies and infrastructures for Smart Grids, Buildings and Cities - 2



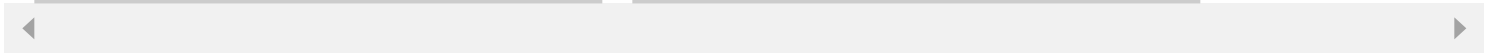
AS3

08:30 - 10:30

SS Informatics models for IoT enabled healthcare

16:00 - 18:00

SS Efficient multimedia sensing and computing in industrial applications



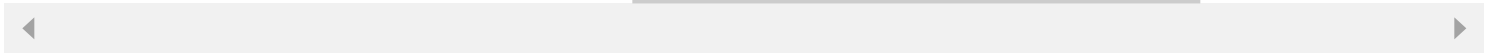
AS4

09:00 - 10:30

TT Real-time and networked embedded computing - 1

16:00 - 18:00

SS Lower Power Smart Sensing for the Industry 4.0



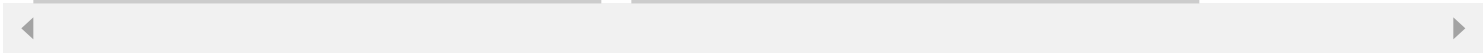
AS6

08:30 - 10:30

SS Monitoring, Diagnosis, Prognosis and Resilient Control Methods and Applications - 1

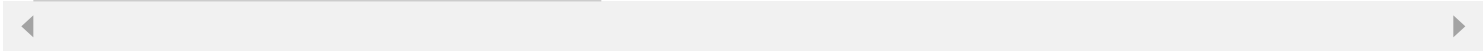
16:00 - 18:00

SS Monitoring, Diagnosis, Prognosis and Resilient Control Methods and Applications - 2



OIH

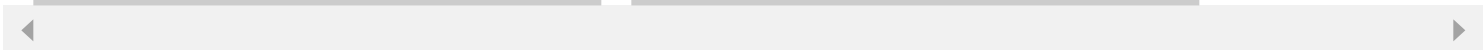
14:00 - 18:00
Women in Engineering Forum



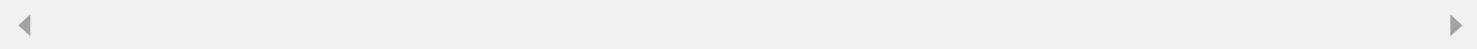
1592

09:00 - 10:00
IEEE P2668 standard committee meeting

10:00 - 11:00
IEEE P21451.002 standard committee meeting



1593



Thursday 25 July 2019

Hall

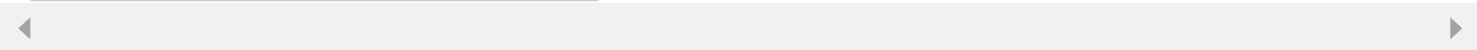
10:40 - 11:00
Coffee break-I

11:30 - 13:30
Lunch

14:30 - 15:00
Coffee Break

AS1

09:00 - 10:40
TT Human, Computer and Machine Interaction - 3

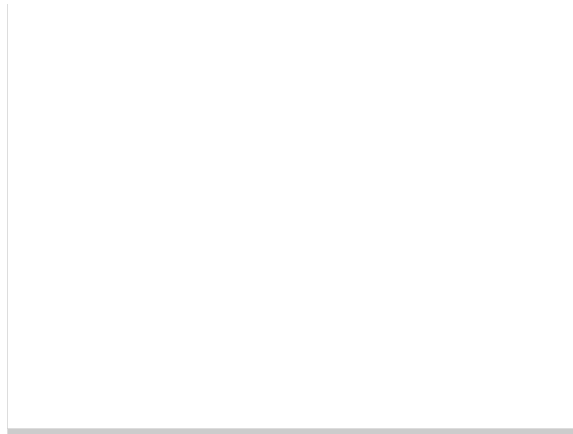


AS2

09:00 - 12:20
Workshop of the IES Chapter Finland

13:00 - 14:30
Industry Forum 3 - Artificial Intelligence and Informatics Systems

15:00 - 16:40
TT Artificial Intelligence i



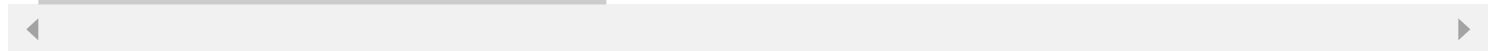
TU1

09:00 - 10:40

TT Factory Automation and Communication Systems- 3

11:00 - 12:20

TT Factory Automation and Communication Systems - 4



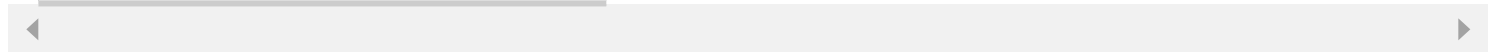
TU3

09:00 - 10:40

TT Distributed and Networked Control Systems-1

11:00 - 12:20

TT Distributed and Networked Control Systems-2



TU5

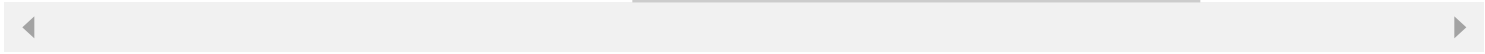
11:00 - 12:00

TT Robotics and Mechatronics in Industrial Applications - 3

15:00 - 17:00

TT Industrial Informatics Tools - 2

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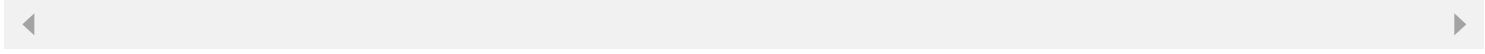


TU6

<p>09:00 - 10:40 TT Simulation, Virtual and Mixed Reality - 2</p>	<p>11:00 - 12:00 TT Real-time and networked embedded computing-2</p>	<p>15:00 - 16:00 SS - Innovative Technolo Defect Manufacturing on Systems Context - 2</p>
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TU7

<p>09:00 - 10:40 TT Technologies and infrastructures for Smart Grids, Buildings and Cities - 3</p>	<p>11:00 - 12:00 TT Technologies and infrastructures for Smart Grids, Buildings and Cities - 4</p>
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AS3

<p>09:00 - 10:20 SS Communications and Computing for Fog Based Control Systems - 1</p>	<p>11:00 - 12:20 SS - Innovative Technologies and Methods for Zero Defect Manufacturing on Industrial Cyber-Physical Systems Context - 1</p>
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AS4

09:00 - 10:40

TT Education in engineering and industrial informatics -
1

11:00 - 12:00

TT Education in Engineering and Industrial Informatics
- 2

15:00 - 17:00

SS 5G for Vertical Industri

AS6

09:00 - 10:40

SS Monitoring, Diagnosis, Prognosis and Resilient
Control Methods and Applications - 3

11:00 - 12:00

SS Communications and Computing for Fog Based
Control Systems - 2**OIH****1592**

09:00 - 10:00

IEEE P2805.1 standard committee meeting

10:00 - 11:00

IEEE P2805.2 standard committee meeting

11:00 - 12:00

IEEE P2805.3 standard committee meeting

1593

