

**Monday 12.9.2016**

09:00-17:00	Registration  Oulu City Theatre	Tutorials  Oulu City Theatre	Workshop on Industrial Internet  Wireless Test Bed for Advanced Manufacturing and Processing Systems  University of Oulu
17:00-18:30	FinSim Annual Meeting  Oulu City Theatre		
19:00-21:00	Welcoming Reception  Oulu City Theatre		

**Tuesday 13.9.2016**

		A	B	C	D	E	F	G	H
09:00-9:30		Opening Session							
09:30-10:15	Plenary Tue.AM1	Fdhila: Thermal Management Simulations within Power Engineering at ABB							
10:15-10:45	Coffee							IEEE Young Professionals - professional career development	
10:45-12:45	Parallel Tue.AM2	Industrial Optimization Based on Big Data Technology and Soft Computing I	Embedded and Hardware in Loop	Signal processing and transmission I	Distributed Parameter Systems I	Modelling and Simulation in Applied Energy I			
12:45-13:45	Lunch						Vendor Session		SIMS Board
13:45-14:30	Plenary Tue.PM1	Logar: Modelling and Simulation of the Electric Arc Furnace Processes							
14:30-15:30	Panel & Parallel Tue.PM2	Panel: M&S in Cleantech	Industrial Optimization Based on Big Data Technology and Soft Computing II	Signal processing and transmission II	Distributed Parameter Systems II	Innovative technology	Poster Session		
15:30-16:00	Coffee								
16:00-17:40	Parallel Tue.PM3	Modelling and Simulation in Solar Thermal Power Plants	Industrial Optimization Based on Big Data Technology and Soft Computing III	Conceptual modelling	Condition monitoring and fault tolerant control	Chemical Process Systems Simulation			
17:40-18:30		SIMS Annual Meeting							

19:00-20:30	Reception	Oulu City Hall
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20:30	Young Professionals Meet-up	
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Wednesday 14.9.2016		A	B	C	D	E	F	G
9:00-10:00	Plenary Wed.AM1	Weidl: Part 1: Autonomous Driving and Levels of Automation Part 2: Situation Awareness and Early Recognition of Traffic Maneuvers						
10:00-10:30	Coffee							
10:30-12:30	Parallel Wed.AM2	Control and Planning in Transportation Systems	Water & Wastewater	Object-Oriented Technologies of Computer Modelling and Simulation of Complex Dynamical Systems I	Energy Supply for Buildings & Data Analysis	Industrial Processes: Capture Processes, Manufacturing		
12:30-13:30	Lunch						Vendor Session	EUROSIM Executive Board
13:30-14:15	Plenary Wed.PM1	Kokkola: Simulating the composition of the atmosphere						
14:15-15:15	Panel & Parallel Wed.PM2	Panel: Future energy systems	Tutorial	Object-Oriented Technologies of Computer Modelling and Simulation of Complex Dynamical Systems II	Art and Archaeology	Security and Military	Poster Session	
15:15-14:45	Coffee							
15:45-17:45	Parallel Wed.PM3	Gasification and Power Plants	Modeling, Simulation, Control and Optimization in Transportation	Complex systems	Evolutionary computation	Parallel & Integrated Simulation		EUROSIM Board

19:30	Congress Dinner	Hotel Radisson Blu Oulu
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Thursday 15.9.2016		A	B	C	D	E	F	G
9:00-9:45	Plenary Thu.AM1	Orellana						
9:45-10:15	Coffee							
10:15-12:15	Parallel Thu.AM2	Modelling and Simulation in Applied Energy II	Industrial Processes: Mining, Metal and Oil Industry	Discrete Event Simulation	Best Practices and New Trends in Control Education	Communication & security		

12:15-13:15	Lunch						Vendor Session
13:15-14:00	Plenary Thu.PM1	Popov: Online simulation platform for biophotonic applications					
14:00-15:00	Panel & Parallel Thu.PM2	Panel: Intelligent systems and IoT in future automation	Modelling tools I	Planning and scheduling	Artificial Neural Networks	Biological Systems and Health	Poster Session
15:00-16:00	Parallel Thu.PM3	Virtual Reality & Visualization	Modelling tools II	Power Transmission and Three- Phase Systems	Mechatronics and Robotics	Bioprocesses and IoT	
16:00-16:20		Closing Session					

Friday 16.9.2016		Technical Tours			
	Tour I	Tour II	Tour III	Tour IV	
7:30	<b>Outokumpu Tornio mill</b>				
8:00-14:00	- Steel Melting Shop - Hot Rolling Mill - Cold Rolling Mill - Lunch	<b>Energy production</b> - TA group, Hiukkavaara - Laanila Eco Power Plant - Toppila CHP Power Plants	<b>Radio Technology and Printed Intelligence</b> - Nokia Radio Technology - VTT PrintoCent		
14:00-15:00		Lunch	Lunch	Lunch	
15:00-16:00				Mining Engineering - Mini-pilot facility	

Saturday 17.9.2016		Social Tour
11:00-20:00		Rokua Health & Spa and Rokua Geopark area

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