

**Schedule of the 2018 Global Smart Industry Conference, Chelyabinsk, Russia, 13-15 of November 2018**

<b>November 13, 2018</b>					
9:00-9:30	<b>OPENING OF THE "SUSU-Emerson" LABORATORY</b> (room 437, building 3b of SUSU)			<b>REGISTRATION OF PARTICIPANTS OF THE CONFERENCE</b>	
9:45-10:30	<b>OPENING OF THE EXHIBITION</b> (hall of the 3rd floor, main building of SUSU)			(hall of the 2nd floor, main building of SUSU)	
<b>PLENARY SESSION</b> (assembly hall - 2nd floor of the main building of SUSU)					
10:30-11:00	<b>OPENING CEREMONY</b>				
11:00-11:45	Michael Train, president of Emerson Corporation, USA. <b>Top Quartile Performance – The Business Case for Digital Transformation</b>				
11:45-12:30	Peter Zornio, Emerson Corporation, USA. <b>Digital Transformation – A Pragmatic Roadmap</b>				
12:30-14:30	<b>LUNCH BREAK</b>				
<b>PLENARY SESSION</b> (assembly hall - 2nd floor of the main building of SUSU)					
14:30-15:00	Tao Fei, Beihang University, China. <b>From Digital Twin to Digital Twin Shop-Floor</b>				
15:00-15:30	Shen Yin, Harbin Institute of Technology, China. <b>Reinforcement learning aided monitoring and control of industrial cyber physical system</b>				
15:30-16:00	Igor Movchan, Higher Engineering School, France. <b>Computer-added manufacturing: multitude of applications and unlimited potential</b>				
16:00-16:25	Andrei Ronzhin, SPIIRAN, Russia. <b>Collaborative robotized and socio-cyberphysical systems</b>				
<b>November 14, 2018</b>					
9:00-10:00	<b>REGISTRATION OF PARTICIPANTS OF THE CONFERENCE</b> (hall of the 2nd floor, main building of SUSU)				
<b>INDUSTRIAL SESSION</b> (assembly hall - 2nd floor of the main building of SUSU)					
10:00-10:25	Markus Reifferscheid, SMS-Group, Germany. <b>SMS Group Digital Solutions: New Horizons for the Metallurgical Industry</b>				
10:25-10:50	Armen Badalov, Schneider Electric, Russia. <b>Prospects of Industrial Internet to improve industrial efficiency</b>				
10:50-11:15	Danila Tselikanov, Magnitogorsk Iron and Steel Works, Russia. <b>Implementation of innovation development projects under the «Industry 4.0» strategic initiative</b>				
11:15-12:00	<b>INDUSTRIAL EXHIBITION</b> (hall of the 3rd floor, main building of SUSU)			<b>COFFEE-BREAK</b> (rooms 341, 346, 350, main building of SUSU)	
<b>INDUSTRIAL SESSION</b> (assembly hall - 2nd floor of the main building of SUSU)					
12:00-12:25	Sergey Zaostrovnykh, PL PLANAR, Russia. <b>Introduction of equipment of the IIoT for the purpose of increasing the efficiency of the municipal and regional management</b>				
12:25-12:50	Alexander Shestakov, SUSU, Russia. <b>Projects of SUSU in the field of Digital Industry</b>				
12:50-13:15	Konrad Swirski, Adam Gasiorek, Warsaw University of Technology, Poland. <b>Virtual and augmented realities for industry 4.0. Augmented Worker – AR adoption challenges at industrial scale</b>				
13:15-13:40	Philippe Bertrand, Higher Engineering School, France. <b>Synergy of additive and subtractive production for the future of manufacturing</b>				
13:40-15:00	<b>LUNCH BREAK</b>				
15:00-16:30	<b>ROUNDTABLE</b> <b>Industry 4.0 technologies</b> (“Sigma”, conference hall)	<b>SECTION A</b> (“Sigma”, room 308) <b>Condition monitoring of technical equipment</b>	<b>SECTION B</b> (“Sigma”, room 309) <b>Big data, machine learning and artificial intelligence for Industry 4.0</b>	<b>SECTION C</b> (“Sigma”, room 311) <b>Basic research for Industry 4.0</b>	<b>SECTION D</b> (“Sigma”, room 312) <b>Digital Twins technologies</b>
16:30-17:00	<b>COFFEE-BREAK</b> (“Sigma”, hall of the 2nd floor)				
17:00-18:30	<b>SECTION A</b> (“Sigma”, room 311) <b>Condition monitoring of technical equipment</b>	<b>SECTION B</b> (“Sigma”, room 308) <b>Security and privacy protection in industrial networks</b>	<b>SECTION C</b> (“Sigma”, room 309) <b>Industrial Robotics</b>	<b>SECTION D</b> (“Sigma”, room 312) <b>Sensors and their components</b>	
<b>November 15, 2018</b>					
9:00-10:00	<b>OPENING OF THE SAMSUNG IOT ACADEMY</b> (room 804, building 3b of SUSU)				
<b>PLENARY SESSION</b> (“Sigma”, conference hall)					
10:00-10:25	Andrey Chernykh, CICESE Research Center, Mexico. <b>Security Everywhere: Security Ecosystem in the Digital Transformation Age</b>				
10:25-10:50	Goran Putnik, University of Minho, Portugal. <b>Education 3.0 and Social Network-based Education for Effective Learning and Integration with Industry</b>				
10:50-11:15	Manus Henry, Oxford University, Great Britain. <b>PRISM: checking the correctness of measurements for the Internet of things</b>				
11:15-11:45	<b>COFFEE-BREAK</b> (“Sigma”, hall of the 2nd floor)				
<b>PLENARY SESSION</b> (“Sigma”, conference hall)					
11:45-12:10	Tatyana Volkova, Samsung, Russia. <b>Training of IoT specialists in the context of engineering education: features and problems</b>				
12:10-12:35	Alessandro Beghi, University of Padova, Italy. <b>Industrial IoT and manufacturing SMEs: Opportunities and threats</b>				
12:35-13:00	Agata Jazdzewska, Kazimierz Darowicki, Gdańsk University of Technology, Poland. <b>Solution of the corrosion problem of distillation columns</b>				
13:00-13:25	Jonathan Cullen, Cambridge University, Great Britain. Chris Hamlin, Ana Gonzalez-Hernandez, Emerson Corporation, Great Britain. <b>Resource Efficiency for Resource intensive industries</b>				
13:30-15:00	<b>LUNCH BREAK</b>				
15:00-16:30	<b>SECTION A</b> (“Sigma”, conference hall) <b>New educational technologies for Industry 4.0</b>	<b>SECTION B</b> (“Sigma”, room 308) <b>Security and privacy protection in industrial networks</b>	<b>SECTION C</b> (“Sigma”, room 309) <b>Basic research for Industry 4.0</b>	<b>SECTION D</b> (“Sigma”, room 311) <b>Digital Twins technologies</b>	<b>SECTION E</b> (“Sigma”, room 312) <b>Cloud and high-performance computing for smart factory</b>
16:30-17:00	<b>COFFEE-BREAK</b> (“Sigma”, hall of the 2nd floor)				
17:00-18:30	<b>SECTION A</b> (“Sigma”, conference hall) <b>Condition monitoring of technical equipment</b>	<b>SECTION B</b> (“Sigma”, room 308) <b>Big data, machine learning and artificial intelligence for Industry 4.0</b>	<b>SECTION C</b> (“Sigma”, room 309) <b>Industrial Robotics</b>	<b>SECTION D</b> (“Sigma”, room 312) <b>Wireless sensor networks</b>	