	November 13, 2018		
9:00-9:30	**OPENING OF THE "SUSU-Emerson" LABORATORY** (room 437, building 3b of SUSU)	**REGISTRATION OF PARTICIPANTS OF THE CONFERENCE**	
9:45-10:30	**OPENING OF THE EXHIBITION** (hall of the 3rd floor, main building of SUSU)	(hall of the 2nd floor, main building of SUSU)	
	PLENARY SESSION (assembly hall - 2nd floor of the main building of SUSU)		
10:30-11:00	**OPENING CEREMONY**		
11:00-11:45	Michael Train, president of Emerson Corporation, USA. **Top Quartile Performance – The Business Case for Digital Transformation**		
11:45-12:30	Peter Zornio, Emerson Corporation, USA. **Digital Transformation – A Pragmatic Roadmap**		
12:30-14:30	**LUNCH BREAK**		
	PLENARY SESSION (assembly hall - 2nd floor of the main building of SUSU)		
14:30-15:00	Tao Fei, Beihang University, China. **From Digital Twin to Digital Twin Shop-Floor**		
15:00-15:30	Igor Movchan, Higher Engineering School, France. **Computer-added manufacturing: multitude of applications and unlimited potential**		
15:30-16:00	Andrei Ronzhin, SPIIRAN, Russia. **Collaborative robotized and socio-cyberphysical systems**		
16:00-16:25	Shen Yin, Harbin Institute of Technology, China. **Reinforcement learning aided monitoring and control of industrial cyber physical system**		
	November 14, 2018		
9:00-10:00	**REGISTRATION OF PARTICIPANTS OF THE CONFERENCE** (hall of the 2nd floor, main building of SUSU)		
	INDUSTRIAL SESSION (assembly hall - 2nd floor of the main building of SUSU)		
10:00-10:25	Markus Reifferscheid, SMS-Group, Germany. **SMS Group Digital Solutions: New Horizons for the Metallurgical Industry**		
10:25-10:50	Armen Badalov, Schneider Electric, Russia. **Prospects of Industrial Internet to improve industrial efficiency**		
10:50-11:15	Danila Tselikanov, Magnitogorsk Iron and Steel Works, Russia. **Implementation of innovation development projects under the «Industry 4.0» strategic initiative**		
11:15-12:00	**INDUSTRIAL EXHIBITION** (hall of the 3rd floor, main building of SUSU) **COFFEE-BREAK** (rooms 341, 346, 350, main building of SUSU)		
	INDUSTRIAL SESSION (assembly hall - 2nd floor of the main building of SUSU)		
12:00-12:25	Sergey Zaostrovnykh, PL PLANAR, Russia. **Introduction of equipment of the IIoT for the purpose of increasing the efficiency of the municipal and regional management**		
12:25-12:50	Alexander Shestakov, SUSU, Russia. **Projects of SUSU in the field of Digital Industry**		
12:50-13:15	Konrad Swirski, Adam Gasiorek, Warsaw University of Technology, Poland. **Virtual and augmented realities for industry 4.0. Augmented Worker – AR adoption challenges at industrial scale**		
13:15-13:40	Philippe Bertrand, Higher Engineering School, France. **Synergy of additive and subtractive production for the future of manufacturing**		
13:40-15:00	**LUNCH BREAK**		

15:00-16:30	**ROUNDTABLE** **Industry 4.0 technologies** ("Sigma", conference hall)	SECTION A ("Sigma", room 308) **Condition monitoring of technical equipment**	SECTION B ("Sigma", room 309) **Big data, machine learning and artificial intelligence for Industry 4.0**	SECTION C ("Sigma", room 311) **Basic research for Industry 4.0**	SECTION D ("Sigma", room 312) **Digital Twins technologies**
16:30-17:00	**COFFEE-BREAK** ("Sigma", hall of the 2nd floor)				
17:00-18:30	SECTION A ("Sigma", room 311) **Condition monitoring of technical equipment**	SECTION B ("Sigma", room 308) **Security and privacy protection in industrial networks**	SECTION C ("Sigma", room 309) **Industrial Robotics**	SECTION D ("Sigma", room 312) **Sensors and their components**	

	November 15, 2018				
9:00-10:00	**OPENING OF THE SAMSUNG IOT ACADEMY** (room 804, building 3b of SUSU)				
	PLENARY SESSION ("Sigma", conference hall)				
10:00-10:25	Andrey Chernykh, CICESE Research Center, Mexico. **Security Everywhere: Security Ecosystem in the Digital Transformation Age**				
10:25-10:50	Goran Putnik, University of Minho, Portugal. **Education 3.0 and Social Network-based Education for Effective Learning and Integration with Industry**				
10:50-11:15	Manus Henry, Oxford University, Great Britain. **PRISM: checking the correctness of measurements for the Internet of things**				
11:15-11:45	**COFFEE-BREAK** ("Sigma", hall of the 2nd floor)				
	PLENARY SESSION ("Sigma", conference hall)				
11:45-12:10	Tatyana Volkova, Samsung, Russia. **Training of IoT specialists in the context of engineering education: features and problems**				
12:10-12:35	Alessandro Beghi, University of Padova, Italy. **Industrial IoT and manufacturing SMEs: Opportunities and threats**				
12:35-13:00	Jonathan Cullen, Cambridge University, Great Britain. Chris Hamlin, Ana Gonzalez-Hernandez, Emerson Corporation, Great Britain. **Resource Efficiency for Resource intensive industries**				
13:00-15:00	**LUNCH BREAK**				
15:00-16:30	SECTION A ("Sigma", conference hall) **New educational technologies for Industry 4.0**	SECTION B ("Sigma", room 308) **Security and privacy protection in industrial networks**	SECTION C ("Sigma", room 309) **Basic research for Industry 4.0**	SECTION D ("Sigma", room 311) **Digital Twins technologies**	SECTION E ("Sigma", room 312) **Cloud and high-performance computing for smart factory**
16:30-17:00	**COFFEE-BREAK** ("Sigma", hall of the 2nd floor)				
17:00-18:30	SECTION A ("Sigma", conference hall) **Condition monitoring of technical equipment**	SECTION B ("Sigma", room 308) **Big data, machine learning and artificial intelligence for Industry 4.0**	SECTION C ("Sigma", room 309) **Industrial Robotics**	SECTION D ("Sigma", room 312) **Wireless sensor networks**	