

**Detailed Program - ISSCA - 2017**

First International Symposium on Supply Chain 4.0: Trends, Challenges and Opportunities from the 4th Industrial Revolution  
 August 28-29th, 2017, University of Campinas (UNICAMP), Limeira, Brazil - Organized by the SC4 (Collaborative Research Network on Supply Chain 4.0)

**AUGUST 28th - 2017**

<b>TIME</b>			<b>REGISTRATION - Hall</b>	
13:00 - 13:30		<b>WELCOME SESSION - Room UL12</b>		
13:30 - 13:45				
13:45 - 14:30	<b>KEYNOTE SPEAKER - Room UL12</b>	Global trends in Industry 4.0		Sidnei M. da Silva (BOSCH)
	<b>Thematic Session 1: Strategy (Chair: Prof. Paulo Ignácio) - Room UL12</b>			<b>Thematic Session 2: 3D Printing (Prof. Ieda Maklya) - Room UL80</b>
	A digital maturity scorecard for measuring Industry 4.0 readiness level of organizations (*)	Awasthi A, Bhullar K Rupinder	Understanding 3D printers-oriented supply chains using agent-based modelling: the case of 3D Hubs	Lima R, Santa-Eulalia LA, Yoshino R, Audy JF, Mosconi E
	(*)			
14:45 - 15:45	<b>Why the 4th Industrial Revolution will disrupt pre-existing economic and social structures (*)</b>	Beliveau M, Santa Eulalia LA, Mosconi E	<b>Additive Manufacturing in the jewelry industry: An analysis of the technologies and the Brazilian environment</b>	Faria L, Yoshino R
	<b>The View of Integration between Industry 4.0 Concepts and Supply Chain Management</b>	Cordeiro GA, Ferro R, Cooper RE, Anholon R	<b>Additive Manufacturing: definitions, applications and consequences in operations</b>	Franco D, Santa-Eulalia LA de, Ganga GMD
	<b>The impacts of Industry 4.0 on decision making in a supply chain (*)</b>	Beliveau M, Santa Eulalia LA, Mosconi E	<b>Distributed manufacturing of spare parts: challenges, enabling technologies and processes</b>	Duroo LFCS, Zancul E, Schützer K, Simon AT
15:45 - 16:15	<b>Thematic Session 3: Applications (Chair: Prof. Anibal Azevedo) - Room UL12</b>		<b>COFFEE BREAK - Hall</b>	<b>Thematic Session 2: Background (Prof. Giocondo César) - Room UL80</b>
	<b>Challenges and Opportunities of Industry 4.0 in a High-Technology Sector: The Case of the Brazilian Aeronautics Industry</b>	Ferreira MIB	<b>Theoretical proposition of a model for RFID systems deployment for industry</b>	Rampasso JS, Anholon, R, Cooper, RE, Santa-Eulalia LA, Ignácio, PSA
16:15 - 17:15	<b>Forestry in an Industry 4.0 perspective (*)</b>	Bittencourt E, de Santa-Eulalia LA	<b>Supply Chain 4.0 opportunities and challenges: a systematic review</b>	Simon AT, Martins FC
	<b>Industry 4.0: Development and application in the logistics area</b>	Garcia IB, Nagura GI, Cubarenco NR, Yoshino RT	<b>Quality 4.0: Bibliographic research proposal for the quality area within Industry 4.0 context.</b>	Basseto A, Machado I, Delgado L, Pontes J
	<b>Disrupt or be Disrupted: Rethinking Auto Industry Supply Chain in a Big Data World (*)</b>	Siegler J, Hughes S	<b>Interoperable Smart Supply Chain: explorations towards industry 4.0 requirements</b>	Gomes P, Bordini GA, Loures ER, Portela EA
17:15 - 18:00	<b>KEYNOTE SPEAKER - Room UL12</b>	try 4.0 can impact on internal supply chains and leverage compe		Marco A. Baptista (SIEMENS)
18:00 - 19:00		<b>COCKTAIL &amp; POSTER SESSION - Hall</b>		
19:00 - 19:45	<b>KEYNOTE SPEAKER - Room UL12</b>	Present challenges for future factory		Paulo G. M. da Rocha (ROCKWELL)
	<b>Thematic Session 5: Components (Chair: Prof. Rui Yoshino) - Room UL12</b>			<b>Thematic Session 2: Implementation (Prof. Alessandro Silva) - Room UL80</b>
	<b>Industry 4.0: An analysis of existing conceptual frameworks (*)</b>	Pereira P, Santa-Eulalia LA, Mosconi E	<b>How to implement a Supply Chain 4.0?</b>	Simoes R
20:00 - 21:00	<b>Supply Chain 4.0: The influence of Cyber-Physical Systems on the reduction of wastes</b>	Nagura GI, Garcia IB, Cubarenco NR, Yoshino RT	<b>Determining the Container Position in Container Ships and Port Yard Using Industry 4.0 Concepts</b>	Azevedo AT, Junqueira C, Ohishi T
	<b>Internet of things: Applications in Supply Chain Management</b>	Mendes JV, Santa-Eulalia LA, Rocha KE, Moris VAS	<b>SWOT Analysis of Industry 4.0 Context in Brazil</b>	Nicolaia P B, Cordeiro GA, Cooper RE, Ferro R, Anholon R
21:00 - 21:30	<b>ICyPhy - Industrial Cyber Physical Systems</b>	Santos, MMMD, Yoshino, RT	<b>The Layout Problem under Time Varying Demand and its Relations with Industry 4.0</b>	Azevedo AT, Dias EX, Scarpel RA
21:30 - 22:00		<b>ROUNDTABLE - Room UL12</b>		
		<b>WRAP UP AND CLOSING SESSION - Room UL12</b>		
				<b>WORKSHOP - Room UL57</b>
				<b>Multi-Agent Modelling: Introducing ANYLOGIC</b>
				Registration required at the hall – limited quantities
				Additional activity: DAY 1 (28th) 14:45 - 15:45

Web site: [supplychain4.org/issca-2017/](http://supplychain4.org/issca-2017/)

(\*) these presentations will be done through Skype.