METRO IND4.0 & IoT (/)

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2023 IEEE INTERNATIONAL WORKSHOP ON

Metrology for Industry4.0

BRESCIA, ITALY /

Program at a glance

TUESDAY, JUNE 6 2023		
09:30 - 10:00	Opening Ceremony - Welcome Addresses	
	Aula Consiliare	Hall N3
10:00 - 11:20	Session 1.1 - Machine learning and IoT for industrial measurement systems - Part I	Session 1.2 - Reliable wireless solutions for IoT and Industrial IoT - Part I
11:20 - 11:50	COFFEE BREAK	
11:50 - 13:10	Session 2.1 - Machine learning and IoT for industrial measurement systems - Part II	Session 2.2 - Reliable wireless solutions for IoT and Industrial IoT - Part II
13:10 - 14:30	LUNCH	
14:30 - 15:20	Keynote Speaker - Diego Galar, *Luleå University of Technology, Sweden* **4.0 to 5.0: Ten years of Digitization to Sustainable Human Centric Industry**	
	Aula Consiliare	Hall N3
15:20 - 16:20	Session 3.1 - Measurements and Virtual Measurements for Industry 4.0: Approaches and Solutions for Smart Manufacturing - Part I	Session 3.2 - Wearable Sensors for Unobtrusive Monitoring of Physiological Parameters and Human Activities - Part I
16:20 - 16:50	COFFEE BREAK	
16:50 - 18:10	Session 4.1 - Measurements and Virtual Measurements for Industry 4.0: Approaches and Solutions for Smart Manufacturing - Part II	Session 4.2 - Wearable Sensors for Unobtrusive Monitoring of Physiological Parameters and Human Activities - Part II
19:30 - 21:30	Welcome Party - Piazzale Arnaldo	

WEDNESDAY, JUNE 7 2023

09:00 - 09:50 (/)	Keynote Speaker - Pedro Martins, *University of Minho, Portugal* **Printing and Electronics: Friends with benefits**	
	Aula Consiliare	Hall N3
10:00 - 11:00	Session 5.1 - Positioning, tracking and navigation in the Industry 4.0 era - Part I	Session 5.2 - Wearable Sensors for Unobtrusive Monitoring of Physiological Parameters and Human Activities - Part III
11:00 - 11:30	COFFEE BREAK	
11:30 - 12:30	Session 6.1 - Printed Sensors for Industrial and Medical IoT: Innovation and Challenges - Part I	Session 6.2 - Augmented products for safety and sports - Part I
12:30 - 14:20	LUNCH	
	Aula Consiliare	Hall N3
14:20 - 15:40	Session 7.1 - Printed Sensors for Industrial and Medical IoT: Innovation and Challenges - Part II	Session 7.2 - Smart sensors for measurements in biomedical and biotechnological applications - Part I
15:40 - 16:10	COFFEE BREAK	
16:10 - 17:50	Session 8.1 - Positioning, tracking and navigation in the Industry 4.0 era - Part II	Session 8.2 - Smart sensors for measurements in biomedical and biotechnological applications - Part II
20:00 - 23:00	Gala Dinner - La sosta	

THURSDAY, JUNE 8 2023		
09:00 - 09:40	Tutorial - Cristian Sartori, *SIEMENS* **Distributed measuring and control using edge computing and container based software for industrial applications**	
	Aula Consiliare	Hall N3
09:40 - 11:00	Session 9.1 - Optical Sensors in Industry 4.0: Roles, Capacities, and Applications - Part I	Session 9.2 - Advances in predictive maintenance and fault detection for Industry 4.0 - Part I
11:00 - 11:30	COFFEE BREAK	
11:30 - 13:10	Session 10.1 - Optical Sensors in Industry 4.0: Roles, Capacities, and Applications - Part II	Session 10.2 - Advances in predictive maintenance and fault detection for Industry 4.0 - Part II
13:10 - 14:30	LUNCH	
	Aula Consiliare	Hall N3
14:30 - 15:30	Session 11.1 - - Augmented products for safety and sports - Part II	14:30 - 15:50 - Session 11.2 - Measurements and Virtual Measurements for Industry 4.0: Approaches and Solutions for Smart Manufacturing - Part III
15:50 - 16:20	Closing and Award Ceremony	

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