

1st Workshop on Artificial Intelligence & Design (AIDE 2015)

Room 1 (T-GF)

08:30 - 14:30	Registration	Main Room Entrance (T-1F)
08:50 - 09:00	Opening	
09:00 - 10:30	Session 1: Ontological foundations of Design (Chair: Francesca A. Lisi)	
	Stefano Borgo, Massimiliano Carrara, Pawel Garbacz, and Pieter Vermaas: <i>A formalization of Ashok Goel's SBF concept of function</i>	
	Emilio Sanfilippo, Claudio Masolo and Daniele Porello: <i>Design Knowledge Representation: An Ontological Perspective</i>	
	Nicola Guarino and Maria Rosaria Stufano Melone: <i>On the ontological status of design objects</i>	
10:30 - 11:00	<i>Coffee break</i>	<i>Acquario Room (G-GF)</i>
11:00 - 12:30	Session 2: Design in Architecture and Engineering (Chair: Maria Rosaria Stufano Melone)	
	Daniele Baratta: <i>Industrial Collaborative Robot Design: a guideline for future design activity</i>	
	Nikolaos Vlavianos, Stavros Vassos and Takehiko Nagakura: <i>Towards a novel method for Architectural Design through mu-Concepts and Computational Intelligence</i>	
	Marco Gavanelli, Maddalena Nonato and Andrea Peano: <i>The Isolation System Design in Hydraulic Networks</i>	
12:30 - 14:30	<i>Lunch</i>	<i>Acquario Room (G-GF)</i>
14:30 - 15:30	Invited talk	
	Carlo Poloni: <i>AI tools in the design process of industrial products</i>	
15:30 - 16:00	Session 3: Design Thinking (Chair: Stefano Borgo)	
	Francesca Alessandra Lisi: <i>Will AI ever support Design Thinking?</i>	
16:00 - 16:30	<i>Coffee break</i>	<i>Acquario Room (G-GF)</i>
16:30 - 18:00	Panel: Spatial Planning and Spatial Organizations: The challenges to AI (Chair: Dino Borri)	
	Panelists: - Amedeo Cesta (CNR-ISTC Roma) - Grazia Concilio (Politecnico di Milano) - Raffaele Giordano (CNR-IRSA Bari) - Nicola Guarino (CNR-ISTC Trento) - Giovanni Rabino (Politecnico di Milano)	
18:00 - 18:10	Closing	