



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

Department of Philosophy and Communication Studies - FILCOM
Department of Biomedical and Neuromotor Sciences - DIBINEM
Department of Economics - DSE
Department of Political and Social Sciences – SPS

AlmaIdea I-CoRe Final Conference

“Complexity, Inter-Connectivity and Resilience”

Bologna, 5-6 December 2019
Aula Mondolfo, Via Zamboni 38, A2 Floor

5 December

9.15-9.30 Opening Address – Carlo Gentili (Univ. of Bologna); Raffaella Campaner (Univ. of Bologna)

First Session - Chair: Roberto Scazzieri (University of Bologna)

9.30-10.15 James Ladyman (University of Bristol) *“The Foundations of Complexity Science”*

10.15-11 Henrik Thorén (University of Lund) *“Conceptual Transitions: Resilience from Ecology to Sustainability Science”*

11-11.15 Coffee Break

Second Session - Chair: Laura Dallolio (University of Bologna)

11.15-12 Fabrizio Bracco (University of Genoa) *“Resilience as the capacity to manage emergent properties in complex socio-technical systems. The frontier of work safety”*

12-12.45 Erio Ziglio (Health Univ. of Applied Sciences, Tyrol) *“Strengthening Resilience for population health and wellbeing outcomes: a key priority for 21st Century’s managers, policy-makers and community workers”*

12.45-13.30 Sara Dellantonio (University of Trento) *“Resilience and emotion regulation: Alexithymia as a key to understanding human emotion experience”*

13.30-15 Lunch Break

Third Session - Chair: Andrea Carlo Lo Verso (University of Bologna)

15-15.45 Ivano Cardinale (University of London) *“Vulnerability, resilience and 'systemic interest': a connectivity approach”*

15.45-16.30 John Osth (University of Uppsala), Aura Reggiani (University of Bologna), and Martina Dolciotti “*Resilience, Connectivity and Spatial Effects*”

16.30-16.45 Coffee Break

Fourth Session - Chair: Cristina Dallara (University of Bologna)

16.45-17.30 Scira Menoni (University Politecnico, Milan) “*Enabling knowledge to foster the resilience of economic activities in cities and regions in terms of adaptation to climate change and disaster risk preparedness*”

17.30-18.15 Edwina Pereira (Central Bank of Aruba) and Albert Steenge (University of Groningen) “*Resilience and complexity in small Caribbean island states*”

6 December

First Session - Chair: Francesco Bianchini (University of Bologna)

9.30-10.15 Vito Trianni (CNR, Rome) “*Robustness in distributed (robotic) systems: Lessons from Nature*”

10.15-11 Paul Dumouchel (Ritsumei University, Kyoto) “*Vulnerability and Individuality Complexity, Resilience and Anti-Fragility*”

11-11.15 Coffee Break

Second Session - Chair: Francesco Ellia (University of Bologna)

11.15-12 Giuseppe Longo (ENS, Parigi) “*Extended Present, Extended Criticality and Time Resilience in Biology*”

12-12.45 Nicole Cilia (University of Cassino and Southern Lazio) “*Complexity and Explainability in Artificial Intelligence*”

12.45-15 Lunch Break

Third Session - Chair: Raffaella Campaner (University of Bologna)

15-15.45 Giuseppe Primiero (University of Milan) “*Value-sensitive co-design for resilient information systems*”

15.45-16.30 Ingo Brigandt (University of Alberta) “*Robustness in organisms and molecular systems: implications for scientific explanation and the nature of biological systems*”

16.30-16.45 Coffee break

16.45-18 Final Discussion - Chair: Francesco Bianchini (University of Bologna)

With the participation of: Chiara Bassetti (CNR, Trento), Gustavo Cevolani (IMT, Lucca), Giuseppe Contissa (University of Bologna), Edoardo Datteri (University Milano Bicocca), Roberto De Vogli (University of Padova), Maria Pia Fantini (University of Bologna), Roberta Ferrario (CNR, Trento), Angelo Fioritti (AUSL, Bologna), Pierluigi Graziani (University of Urbino), Andrea Carlo Lo Verso (University of Bologna), Sofia Marini (University of Bologna)

Convenors: Raffaella Campaner (raffaella.campaner@unibo.it) and Francesco Bianchini (francesco.bianchini5@unibo.it), Department of Philosophy and Communication, University of Bologna

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