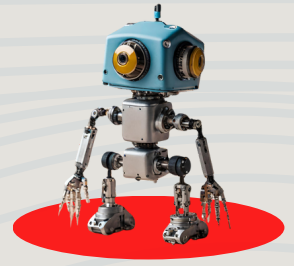# MACHINES IN THOUGHTS

Philosophy, History and Epistemology of Robotics and AI

ORGANISED BY FRANCESCO BIANCHINI, DANIELE MOLININI AND MARTINA BACARO

Department of Philosophy - University of Bologna

SALA ROSSA, VIA AZZO GARDINO 23, BOLOGNA

09/05/2024

9:30-9:45 Opening by

Francesco Bianchini (University of Bologna)

Raffaella Campaner (University of Bologna, Vice Rector for International Relations)

Luca Guidetti (University of Bologna, Head of the Department of Philosophy)

9:45-10:45
Luisa Damiano
(IULM)

Synthetic Biology and Artificial Intelligence: From Cybernetic Epistemology to the Chemical Autopoietic AI Project

10:45-11:15 Coffee Break

11:15-12:15
Edoardo Datteri
(University of Milano Bicocca)
Humanoid Biorobotics

12:15-13:15
Tom Ziemke
(Linköping University)

Robot Embodiment and Intentionality

15:00-16:00
Pierluigi Graziani
(University of Urbino)
From Simplicity to Interestingness
Joint work with Pedro Quaresma, University of Coimbra)

16:00-17:00
Audrey Borowski
(Centre for Science and Thought, Bonn)

Epistemology in a time of Surplus Data

17:00-17:30 Coffee Break

17:30-18:30
Marco Tamborini
(TU Darmstadt)

Robotic Approaches and Technology Games: the Grammar of Biorobotics

10/05/2024

10:00-11:00
Aldo Gangemi
(University of Bologna)

Some Ontological Themes in AI and Robotics: Intentionality, Multimodality, and Embodiment of Artificial Models

10:00-11:30 Coffee Break

11:30-12:30
Martina Bacaro
(University of Bologna)

From SHAKEY to the future: a Roundtrip Journey in Robotics and Cognitive Sciences

12:30-13:00

Final Discussion and Closing

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