

# First CNR-DFKI workshop on AI TECHNOLOGIES

The German Research Centre for Artificial Intelligence (DFKI) and the National Research Council of Italy (CNR) will hold their first joint workshop on Artificial Intelligence and related technologies in Pisa on 18-19 April 2024, as part of the collaboration agreement signed in 2023.

The workshop, hosted by the Institute for Information Science and Technologies (CNR-ISTI), aims to assess the current state of research within the two institutions and explore opportunities for collaboration and synergies, also in preparation for the first call for bilateral projects scheduled for June 2024.

The President of the CNR, M. Chiara Carrozza, will be present on the second day of the workshop.

## PROGRAM

### Day 1 – April 18<sup>th</sup>

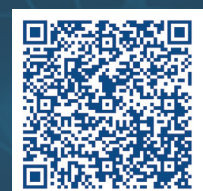
14:00 – 14:20	<b>WS Opening</b>   Roberto Scopigno (CNR-ISTI), Matteo Pardo (CNR)
14:20 – 15:00	Session 1: <b>AI &amp; Natural Language Processing</b>
15:00 – 15:45	Session 2: <b>Embedded Intelligence &amp; Effects of AI on Society</b>
15:45 – 16:15	<b>Coffee Break</b>
16:15 – 17:00	Session 3: <b>AI &amp; Health – Intelligent support to medical decision processes</b>
17:00 – 17:30	Session 4: <b>Human Robot cooperation</b>
20:00	<b>Social dinner</b>

### Day 2 – April 19<sup>th</sup>

09:00 – 9:30	<b>Opening</b>   Maria Chiara Carrozza (President of CNR) Emilio F. Campana (CNR), Marco Conti (CNR-IIT)
09:30 – 10:00	Session 5: <b>AI &amp; Health – Smart, interactive and assistive technologies</b>
10:00 – 10:30	Session 6: <b>Neuro-symbolic Machine Learning</b>
10:30 – 11:00	<b>Coffee Break</b>
11:00 – 11:40	Session 7: <b>Explainable AI</b>
11:40 – 12:15	Session 8: <b>AI &amp; Human Computer Interaction</b>
12:30 – 14:00	<b>Lunch</b>
14:00 – 14:30	Session 9: <b>AI &amp; Robotics – Decisional Autonomy, Adaptive control</b>
14:30 – 15:00	Session 10: <b>Space Robotics</b>
15:00 – 15:30	<b>Coffee Break</b>
15:30 – 16:00	Session 11: <b>AI &amp; Underwater Research</b>
16:00 – 16:40	Session 12: <b>AI &amp; XR (eXtended Reality)</b>
16:40 – 17:00	<b>Closing remarks</b>   Antonio Krüger (DFKI)

**APRIL  
18-19  
2024  
CNR  
AREA DELLA RICERCA  
PISA**

MORE INFO HERE



# EXTENDED PROGRAM

## Day 1 – April 18<sup>th</sup>

- 14:00 – 14:20 **WS Opening | Matteo Pardo (CNR)**
- 14:20 – 15:00 **Session 1: AI & Natural Language Processing**  
Moderator: Andrea Esuli  
Speakers:  
Simonetta Montemagni (CNR-ILC)  
Andrea Pedrotti (CNR-ISTI)  
Simon Ostermann (DFKI-SLT / DFKI-MLT)  
Carlos Franzreb (DFKI)
- 15:00 – 15:45 **Session 2: Embedded Intelligence & Effects of AI on Society**  
Moderator: Chiara Boldrini  
Speakers:  
Andrea Passarella (CNR-IIT)  
Mirco Nanni (CNR-ISTI)  
Giuseppe Manco (CNR-ICAR)  
Andrea Sipka (DFKI (DSA), RPTU Kaiserslautern)
- 15:45 – 16:15 **Coffee Break**
- 16:15 – 17:00 **Session 3: AI & Health – Intelligent support to medical decision processes**  
Moderator: Sara Colantonio  
Speakers:  
Nadia Brancati (CNR-ICAR)  
Alessandro Brusafferri (CNR-STIIMA)  
Daniel Sonntag (DFKI Oldenburg)
- 17:00 – 17:30 **Session 4: Human Robot cooperation**  
Moderator: Carmen Santoro  
Speakers:  
Nicola Pedrocchi (CNR-STIIMA)  
Tim Schwartz (DFKI Saarbrücken)
- 20:00 **Social Dinner**  
**@ Trattoria Il Campano, Via Domenico Cavalca 19, Pisa**

# Day 2 – April 19<sup>th</sup>

09:00 – 9:40	<b>Session 5: AI &amp; Health – Smart, interactive and assistive technologies</b> Moderator: Chiara Boldrini Speakers: M. Antonietta Pascali (CNR-ISTI) Franca Delmastro (CNR-IIT) Roland Roller (DFKI – Speech and Language Technology) Sebastian Vollmer (DFKI Kaiserslautern)
09:40 – 10:10	<b>Session 6: Neuro-symbolic Machine Learning</b> Moderator: Andrea Esuli Speakers: Franco Alberto Cardillo (CNR-ILC) Umberto Straccia (CNR-ISTI) Philipp Slusallek (DFKI & Uni Saarbrücken)
10:10 – 10:40	<b>Coffee Break</b>
10:40 – 11:00	<b>Institutional Greetings</b>   M. Chiara Carrozza (President of CNR) Antonio Krüger (DFKI)
11:00 – 11:40	<b>Session 7: Explainable AI</b> Moderator: Umberto Straccia Speakers: Fosca Giannotti (Scuola Normale Superiore) Mirco Nanni (CNR-ISTI) Philipp Slusallek (DFKI & Uni Saarbrücken) Simon Ostermann (DFKI- SLT / DFKI-MLT)
11:40 – 12:15	<b>Session 8: AI &amp; Human Computer Interaction</b> Moderator: Paolo Cignoni Speakers: Fabio Paternò (CNR-ISTI) Antonio Krüger (DFKI) Fabrizio Nunnari (DFKI)
12:30 – 14:00	<b>Lunch</b>
14:00 – 14:30	<b>Session 9: AI &amp; Robotics – Decisional Autonomy, Adaptive control</b> Moderator: Giuseppe Amato Speakers: Andrea Orlandini (CNR-ISTC) Sebastian Stock (DFKI-PBR)
14:30 – 15:00	<b>Session 10: Space Robotics</b> Moderator: Luciano Anselmo Speakers: Angelo Oddi (CNR-ISTC) Daniel Kühn (DFKI & Universität Bremen)
15:00 – 15:30	<b>Coffee Break</b>
15:30 – 16:00	<b>Session 11: AI &amp; Underwater Research</b> Moderator: Sara Colantonio Speakers: Massimiliano Corsini (CNR-ISTI) Leif Christensen (DFKI & Universität Bremen)
16:00 – 16:40	<b>Session 12: AI &amp; XR (eXtended Reality)</b> Moderator: Fabrizio Falchi Speakers: Giuseppe Amato (CNR-ISTI) Marco Sacco (CNR-STIIMA) Nadia Robertini (DFKI & Uni Kaiserslautern) Philipp Slusallek (DFKI & Uni Saarbrücken)
16:40 – 17:00	<b>Closing remarks</b>   Antonio Krüger (DFKI)

# Event Location

The event will take place in the CNR Campus, Room A27, conference building.

ADDRESS: **Via Moruzzi 1, Pisa**

How to reach us:

<https://www.isti.cnr.it/en/about/reach-us>

## Social dinner location

**Trattoria Il Campano**, Via Domenico Cavalca 19, Pisa

## CNR CAMPUS

