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 18th**

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

**Day 2 – April 19th**

09:00 – 9:30  |  **Opening** | Maria Chiara Carrozza (President of CNR)
09:30 – 10:00 |  **Session 5**: AI & Health – Smart, interactive and assistive technologies
10:00 – 10:30 |  **Session 6**: Neuro-symbolic Machine Learning
10:30 – 11:00 |  **Coffee Break**
11:00 – 11:40 |  **Session 7**: Explainable AI
11:40 – 12:15 |  **Session 8**: AI & Human Computer Interaction
12:30 – 14:00 |  **Lunch**
14:00 – 14:30 |  **Session 9**: AI & Robotics – Decisional Autonomy, Adaptive control
14:30 – 15:00 |  **Session 10**: Space Robotics
15:00 – 15:30 |  **Coffee Break**
15:30 – 16:00 |  **Session 11**: AI & Underwater Research
16:00 – 16:40 |  **Session 12**: AI & XR (eXtended Reality)
16:40 – 17:00 |  **Closing remarks** | Antonio Krüger (DFKI)
EXTENDED PROGRAM

Day 1 – April 18th

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 Brusaferri (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 19th

09:00 – 9:40  Session 5: AI & Health - Smart, interactive and assistive technologies
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  Session 6: Neuro-symbolic Machine Learning
Moderator: Andrea Esuli
Speakers:
  Franco Alberto Cardillo (CNR–ILC)
  Umberto Straccia (CNR–ISTI)
  Philipp Slusallek (DFKI & Uni Saarbrucken)

10:10 – 10:40  Coffee Break

10:40 – 11:00  Institutional Greetings | M. Chiara Carrozza (President of CNR)
Antonio Krüger (DFKI)

11:00 – 11:40  Session 7: Explainable AI
Moderator: Umberto Straccia
Speakers:
  Fosca Giannotti (Scuola Normale Superiore)
  Mirco Nanni (CNR–ISTI)
  Philipp Slusallek (DFKI & Uni Saarbrucken)
  Simon Ostermann (DFKI- SLT / DFKI-MLT)

11:40 – 12:15  Session 8: AI & Human Computer Interaction
Moderator: Paolo Cignoni
Speakers:
  Fabio Paternò (CNR–ISTI)
  Antonio Krüger (DFKI)
  Fabrizio Nunnari (DFKI)

12:30 – 14:00  Lunch

14:00 – 14:30  Session 9: AI & Robotics – Decisional Autonomy, Adaptive control
Moderator: Giuseppe Amato
Speakers:
  Andrea Orlandini (CNR-ISTC)
  Sebastian Stock (DFKI–PBR)

14:30 – 15:00  Session 10: Space Robotics
Moderator: Luciano Anselmo
Speakers:
  Angelo Oddi (CNR–ISTC)
  Daniel Kühn (DFKI & Universität Bremen)

15:00 – 15:30  Coffee Break

15:30 – 16:00  Session 11: AI & Underwater Research
Moderator: Sara Colantonio
Speakers:
  Massimiliano Corsini (CNR–ISTI)
  Leif Christensen (DFKI & Universität Bremen)

16:00 – 16:40  Session 12: AI & XR (eXtended Reality)
Moderator: Fabrizio Falchi
Speakers:
  Giuseppe Amato (CNR–ISTI)
  Marco Sacco (CNR–STIMA)
  Nadia Robertini (DFKI & Uni Kaiserslautern)
  Philipp Slusallek (DFKI & Uni Saarbrucken)

16:40 – 17:00  Closing remarks | 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