

4th International Summer School on Social Human-Robot Interaction: description

The 4th International Summer School on Social Human-Robot Interaction welcomes students, PhD students and young researchers for five intensive days of lectures and workshops tackling key issues in social HRI. The summer school will be held in Chęciny, Poland, from Monday 18 September to Friday 22 September 2023.

This year's edition has a special focus: **Grounding Interactive Communication in HRI**, achieved by **combining interdisciplinary approaches to embodied communication and dialog in people and in hybrid human-robot teams**. This integrates the newest theories and methods from psychology and linguistics with cognitive robotics and AI to meet the modern challenges in developing communicative systems and agents.

The programme will be divided into four themes: **Communication and Dialog, Meaning and Grounding, Movement-based communication**, and **Affective communication**. These sessions will cover topics such as speech processing, interactive alignment in social communication, large-scale language models, word learning and grounding in robots, non-verbal aspects of communication, gestural and social gaze strategies, joint attention mechanisms, emotion models for cognitive robots, personality traits in HRI and speech emotion communication.

We invite both students and researchers with a background in robotics who are interested in the topic of social human-robot interaction, as well as those who study language and communication, and seek a hands-on experience with robotics.

The application deadline will be May 5th 2023.

The event is co-financed by the European Union's Horizon 2020 [TRAINCREASE](#) project (No 952324), EU H2020 [PERSEO](#) (No 955778), and IEEE RAS Summer Schools programme.

The 2023 HRI School is a follow-up of the previous three HRI Summer Schools (<https://hrisummerschool.org>) held in 2017 (Portugal), 2015 (Finland) and 2013 (Cambridge, UK).

Organizers:

- **Human Interactivity and Language Lab, Faculty of Psychology, University of Warsaw**
- **COgnitive RObotics LAB (COROLAB), The University of Manchester**