

First International Workshop on Educational Robots (WONDER)

<https://icsrwonder2015.wordpress.com>

Paris, 26th October 2015

Satellite event of the **International Conference on Social Robotics (ICSR 2015)**

<http://www.icsoro.org/icsr2015/>

Social robots are increasingly being studied as companions supporting and helping humans in different applications (e.g., home, healthcare, work spaces, public spaces, education, etc.). The study of robots acting as educational agents is an emerging field of social robotics. The last few years have seen the emergence, worldwide, of collaborative projects studying the role of robots in educational applications, for example, robots acting as tutors to support teachers and students, tools for therapy of children with autism, instructors in the factory, and learning companions in healthcare applications.

This workshop will bring together for the first time researchers interested in the design, development and evaluation of robots acting as educational agents. We anticipate the main outcome of the workshop to be the identification and investigation of open issues for educational robots, ranging from usability and personalization to long-term autonomy in real world environments.

Topics include (but are not limited to) the following:

- Robots acting as educational agents
- Instructional robots
- Personalised robotic tutors
- Perception-action loops in educational robots
- Frameworks for adaptive, real-time HRI
- User engagement with educational robots
- Design methodologies for educational robots
- Evaluation of educational robots
- Metrics of success for educational robots
- Effects of embodiment/robotic platforms on learning
- Affect, social bonding and learning
- Robot ethics in educational/instructional applications

Program Committee

- **Omar Mubin** (University of Western Sydney)
- **Maha Salem** (University of Hertfordshire)
- **Paul Baxter** (University of Plymouth, UK)
- **Iolanda Leite** (Yale University, USA)
- **James Lester** (North Carolina State University, USA)
- **Fumihide Tanaka** (University of Tsukuba, Japan)
- **Christoph Bartneck** (University of Canterbury, New Zealand)
- **Selma Sabanovic** (Indiana University, USA)
- **Astrid Weiss** (Vienna University of Technology, Austria)

Invited speakers

- **Pierre Dillenbourg** (EPFL, Switzerland)
- **Paul Verschure** (Universitat Pompeu Fabra, Spain)
- **Brian Scassellati** (Yale University, USA)

Important dates

20 September: Deadline for paper submission

11 October: Notification of acceptance

18 October: Camera ready paper submission

Paper format and submissions

Short (6 pages) and long (12 pages) papers will be accepted. Paper should follow the standard Springer format, in accordance with the guidelines of the ICSR conference. For more information about the format, see the workshop's website:

<https://icsrwonder2015.wordpress.com/submission/>

The publication of a post-workshop journal special issue will be investigated.

Workshop chairs

- **Ginevra Castellano** (Uppsala University, Sweden /University of Birmingham, UK)
- **Ruth Aylett** (Heriot Watt University, UK)
- **Wolmet Barendregt** (University of Gothenburg, Sweden)
- **Arvid Kappas** (Jacobs University Bremen, Germany)
- **Mohammad Obaid** (Chalmers University of Technology, Sweden)
- **Ana Paiva** (INESC-ID, Portugal)
- **Pedro Sequeira** (INESC-ID, Portugal)