

ICSR 2015



INTERNATIONAL CONFERENCE ON SOCIAL ROBOTICS - 26-30 October, Paris
icsoro.org/2015

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FIRST CALL FOR PAPERS

The International Conference on Social Robotics (ICSR) brings together researchers and practitioners working on the interaction between humans and robots and on the integration of robots into our society. The theme of the 2015 conference is "Individual Differences".

Robots will improve quality of human life through assistance, enabling for instance independent living or providing support in work-intensive, difficult and possibly complex situations. The conference aims to foster discussion on the development of computational models, robotic embodiments, and behaviour that enable social robots to have an impact on the degree of personalised companionship with humans.

The conference welcomes original contributions describing technically rigorous scientific and philosophical advances in the area of social robotics: Innovative ideas and concepts, new discoveries and improvements, novel applications on the latest fundamental advances in the core technologies that form the backbone of social robotics, distinguished developmental projects, as well as seminal works in aesthetic design, ethics and philosophy, studies on social impact and influence pertaining to social robotics, and its interaction and communication with human beings and its social impact on our society.

The topics of interest include, but are not limited to the following:

- Interaction and collaboration among robots, humans, and environments
- Robots with personality
- Robots that can adapt to different users
- Robots to assist the elderly and persons with disabilities
- Socially assistive robots to improve quality of life
- Affective and cognitive sciences for socially interactive robots
- Personal robots for the home
- Social acceptance and impact in the society
- Robot ethics in human society
- Context awareness, expectation, and intention understanding
- Control architectures for social robotics
- Socially appealing design methodologies
- Safety in robots working in human spaces
- Human augmentation, rehabilitation, and medical robots
- Robot applications in education, entertainment, and gaming

IMPORTANT DATES/DEADLINES

15 May: Submission of special session proposal
1st June: Paper submission
15 June: Submission of workshop proposal
21st June: Notification of the Papers' Acceptance
21st July: Final Camera-ready Paper Submission
11 September: Competitions Submission Deadline
25 September: Competitions Notification of Acceptance
26-30 October: Conference in Paris

SUBMISSION OF PAPERS

Submissions must be made in the PDF format and follow the Springer LNCS/LNAI style for the layout. LNCS style templates are available on the Springer LNCS website. Full papers are limited to ten A4 size papers. Detailed instructions for paper submission are available on the conference web site. All papers will be refereed by the program committee.

EXHIBITIONS

Participants who would like to exhibit their interactive demonstrations at the conference site need to submit a 1 page summary about the demonstration. Exhibition booth will be allocated to demonstrations approved by the ICSR2015 organizing committee.

WORKSHOP

Participants are invited to hold a full/half day workshop on a topic relevant to social robotics and the general theme "Individual Differences". Outlines of intended workshops are to be submitted by 15 July 2015.

ROBOT DESIGN COMPETITION

Robot Design Competition: A search for creative ideas about what a robot companion could be. This year we are accepting designs from practitioners from any discipline, and in any format. Selected designs, prototypes, performances or demos will be invited for exhibited at the conference.

INTERNATIONAL PROGRAM COMMITTEE

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