



Call for Participation

## RO-MAN 2020 WORKSHOP

### ON SOCIAL HUMAN-ROBOT INTERACTION OF HUMAN-CARE SERVICE ROBOTS

<https://cares.blogs.auckland.ac.nz/education/activities-on-international-conferences-and-journals/ro-man-2020-workshop/>

**September 4, 2020, Naples, Italy**

**Paper Submission Deadline: July 1, 2020**

The 29th IEEE International Conference on Robot and Human Interactive Communication (RO-MAN 2020) invites papers for a Workshop on Social Human-Robot Interaction of Human-care Service Robots.

Service robots with social intelligence are coming to the human world, and they will help us to make our lives better. We are organizing an exciting workshop at RO-MAN 2020 that is oriented towards sharing the ideas of participants with diverse backgrounds ranging from Human-Robot Interaction design, social intelligence, decision making, social psychology and robotic skills. The purpose of this workshop is to explore how social robots can interact with humans socially and facilitate the integration of social robots into our daily lives.

This workshop focuses on three social aspects of human-robot interaction: (1) technical implementation of social robots and products, (2) form, function and behavior, and (3) human behavior and expectations as a means to understand the social aspects of interacting with these robots and products.

This workshop will focus on the current advances in the area of social Human-Robot Interaction, social intelligence, social skills, and their applications including clinical evaluations, user studies exploring consumer acceptance of social robots, and so on. Papers are solicited on all areas directly related to these topics, including but not limited to:

- Social perception and context awareness
- Short/long-term behaviour recognition
- Social expression and interactive behavior
- Social task modelling and management
- Social grasping and navigation skills
- Social humanoid robot design
- Human-robot interaction design
- Emotion recognition and model design
- Dialogue based interaction
- User evaluation
- Applications such as healthcare, receptionist, education

#### Submission Instructions

We invite short papers of 2-4 pages in the standard double-column IEEE RO-MAN conference format. Submissions should be in accordance with the topics of interest, and they will be available on the workshop's website.

Email your papers to Ho Seok Ahn ([hs.ahn@auckland.ac.nz](mailto:hs.ahn@auckland.ac.nz)) by the submission due.

Full details of the submission are provided at <https://cares.blogs.auckland.ac.nz/education/activities-on-international-conferences-and-journals/ro-man-2020-workshop/>.

#### Important Dates

- Paper submission: **July 1, 2020**
- Notification of acceptance: **August 1, 2020**
- Final camera-ready manuscript: **August 15, 2020**
- Final slide/poster file: **August 25, 2020**

#### Sponsor

- Korea Robotics Society (<http://kros.org>)

#### Workshop Organizers

- Ho Seok Ahn, University of Auckland, New Zealand ([hs.ahn@auckland.ac.nz](mailto:hs.ahn@auckland.ac.nz))
- Jongsuk Choi, KIST, Korea ([pristine70@gmail.com](mailto:pristine70@gmail.com))
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