APHRODITE
WORKSHOP

AdaPtive beHavioRal mODels of robotic systems based on brain-inspired AI cogniTivE architectures.

CALL FOR PAPER

This workshop is organized in conjunction with IEEE RO-MAN '22 - The 31st IEEE International Symposium on Robot and Human Interactive Communication. The cooperation between humans and robots is becoming increasingly important in our society. Consequently, there is **a growing interest in the development of models that can enhance the interaction between humans and robots**. This workshop aims to bring together researchers from different scientific community in order to promote cooperation and discussion with the idea that a multidisciplinary context is ideal for fostering this research topic.

TOPICS OF INTEREST

- Robot companions
- Social interaction
- Development and Learning for HRI
- Robot as a tool to study social cognition
- Cultural differences in user needs/expectations
- Multi-modal human-machine interfaces
- Intelligent and Cognition-based User Interaction
- Human behavioural modelling
- Personalized Cognitive/Physical Stimulation
- Activity monitoring systems/activity recognition
- Multi-modal perception
- Novel sensors
- Other related topics

SUBMISSION INSTRUCTIONS

All researchers interested in contributing to the discussion are invited to submit a paper of their work through EasyChair System, prepared using the IEEE format. Paper contribution may be short (up to 4 pages) or long (up to 6 pages). These papers will be reviewed by selected scholars.
Authors of best contributions accepted at the workshop will be invited to submit an extended version to the special issue.

IMPORTANT DATES

Submission of paper (IEEE format 4-6 page): 01/06/2022

Notification of acceptance for workshop abstracts 25/06/2022

Submission of camera-ready workshop abstracts 20/07/2022

CHAIRS

Laura Fiorini, University of Florence, Italy

Filippo Cavallo, University of Florence, Italy

Hiroaki Wagatsuma, Kyushu Institute of Technology, Japan

Riccardo De Benedictis, National Research Council of Italy, Italy

Mauro Dragone, Heriot-Watt University, United Kingdom

Vishwanathan Mohan, University of Essex, United Kingdom

Praminda Caleb-Solly, University of Nottingham, United Kingdom

For information write to:
laura.fiorini@unifi.it

WHEN:
August 29th 2022

WHERE:
Royal Continental Hotel, Naples, Italy & Online

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