Workshop IIT - Osaka University

Towards symbiotic society with multi-species: humans, robots, and avatars

Date

1st & 2nd Feb., 2023

Venue

IIT (Instituto Italiano di Tecnologia)

Program

1st Day @ Center for Robotics and Intelligent Systems, IIT-CRIS Meeting Room "Natta" - Via S. Quirico, 19d

Chair: **Giulio Sandini**

14:00 - 14:25 **Giorgio Metta** — Robotics and life science @ IIT

14:25 - 14:50 **Hiroshi Ishiguro** — Avatar and the future society

14:50 - 15:15 **Daniele Pucci** — iCub 3 avatar system

15:15 - 15:40 **Takahisa Uchida** — How robots and avatars can encourage our motivation for communication?

15:40 - 16:00 *Coffee Break*

16:00 - 16:25 **Lorenzo Natale** — Interactive object learning

16:25 - 16:50 **Yuta Nakashima** — Toward better communication between humans and AI: What do neural networks see?

2nd Day @ Center for Human Technologies, IIT-CHT Meeting Room "Pitagora" - Via Enrico Melen, 83

Chair: **Minoru Asada**

9:30 - 9:45 **Nicola Tirelli** — IIT support and services to PhD students

9:45 - 10:10 **Alessandra Sciutti** — Cognitive robotics to establish shared perception with humans

10:10 - 10:35 **Tamami Nakano** — Representation of self-image in the human brain

10:35 - 11:00 **Monica Gori** — Brain models of multisensory processing to develop personalized multisensory technology

11:00 - 11:25 *Coffee Break*

11:25 - 11:50 **Bettina Wutzl** — Towards a smart home: Correlation between EEG and subjective well-being

11:50 - 12:15 **Agnieszka Wykowska** — Learning about the human cognition by using cognitive neuroscience methods in human-robot interaction

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