

OIT International Workshop on Human Friendly Robotics

PROGRAM

Date: Saturday, 9 November 2013, 10:00 - 17:00 Overall host: Yukio Honda

Opening : 10:00 - 10:10 Room 691

Opening Remark : Yasushi Nishimura

Morning Session

Session 1 : 10:10 – 11:55

Introduction of Osaka Institute of Technology OIT: Chair : Yukio Honda

10:10-10:20 Summary of OIT: Yutaka Kawata (OIT)

10:20-10:35 Department of Robotics OIT: Hiroshi Tsutsui (OIT)

10:35-10:50 Human Robotics R/D Center: Mutsuo Sano (OIT)

Invited Keynote Lecture: Chair : Yoichiro Maeda

10:50-11:20 Effective Cycle-Time and Energy Consumption Minimization for Redundant Robotic Systems in Multi-Task Operations

Iacopo Gentilini (Embry-Riddle Aeronautical University)

11:20-11:50 Robotics Research for Entertainment

Katsu Yamane (Disney Research)

Lunch & Luncheon Poster Session Room RELACHE

12:00-13:40 Research topics from OIT will be presented by the members and the postgraduate students of OIT at the Luncheon Poster Session.

Afternoon Session Room 691

Session 2 : 13:50-15:20

Special Lecture: Chair : Terushige Honiden

13:50-14:20 An Organization based Multiagent Framework for Robots

Juan Manuel Corchado (Universidad de Salamanca)

14:20-14:50 Physical Human-Robot Cooperation under Uncertainty

Sandra Hirche (Technische Universität München TUM)

14:50-15:20 Artificial Mind with Emotion and Sociality

Minoru Asada (Osaka University)

Break 15:20-15:30

Session 3 : 15:30-16:30

Invited Keynote Lecture: Chair : Prof. Mieko Ohsuga

15:30-16:00 Integration of Automation and Robot Technologies along the Value Chain: Novel Construction and Ambient Embedded Robot

Thomas Bock (Technische Universität München TUM)

16:00-16:30 NFC-Technology opens Doors – Challenges for Smartphone-based Access Services

Kai-Dietrich Wolf (Bergische Universität Wuppertal)

Closing : 16:30-16:35

Closing Remark: : Hiroshi Tsutsui