

The Second International Symposium

"Past and future directions of cognitive developmental robotics"

Constructive Developmental Science Based on Understanding the Process from Neuro-Dynamics to Social Interaction

Sponsor: JSPS Grant-in-Aid for Specially Promoted Research Project (leader: Prof. Minoru Asada)
Co-Sponsor: Institute for Academic Initiatives, Osaka university

We would like to invite you to our symposium, in which JSPS project leader, Prof. Minoru Asada, talk about the perspective of Constructive Developmental Science. And, we will invite two foreign forefront researchers, Prof. Yiannis Aloimonos and Prof. Rolf Pfeifer and three Japanese researchers related to our project for discussing about the past and future directions of cognitive developmental robotics.



Date: October 4, 2013

Time: 13:00 – 18:00

Place: Osaka University Nakanoshima Center 10F (Osaka city)

Cost: Free of Charge

Registration & Contact:

tokusui-sympo@ams.eng.osaka-u.ac.jp

Please write your name, position, and affiliation in your registration mail with the subject "[Registration]Symposium"

Program

SESSION 1: Introduction and the first invited talk

- 13:00-13:30 Opening talk : Minoru Asada
(Project leader, Osaka Univ.)
Towards constructive developmental science
- 13:30-14:30 Invited talk 1: Yiannis Aloimonos
(University of Maryland, Professor)
The Manipulation action grammar and its parser
- 14:40-15:40 Invited talk 2: Rolf Pfeifer
(University of Zurich, Professor)
"Soft Robotics" – the next generation of intelligent machines
- 15:40-16:00 Break

SESSION 2: The second invited talk

- 16:00-16:40 Invited talk 3: Takahiro Miyashita
(ATR, Group leader)
Cloud Networked Robotics and its Business Ecosystem
- 16:40-17:20 Invited talk 4: Eiji Uchibe
(OIST, Group Leader)
Inverse reinforcement learning for understanding human behaviors
- 17:20-18:00 Invited talk 5: Yasutake Takahashi
(University of Fukui, Associate Professor)
Trajectory-based Imitation Learning of Dynamic Motion for Robots
- 18:00- Closing

Contact:

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