Conference Program

Fukushima Research Conference on Remote Technologies for Nuclear Facilities


Naraha Center for Remote Control Technology Development, Japan Atomic Energy Agency

**Oct 30th**

10:30 – 10:35 Opening remarks, Director Dr. Masahiro Ishihara (JAEA)

10:35 – 11:50 Keynote speech, Prof. Hajime Asama (The Univ. of Tokyo)

   “Remote Technology for Decommissioning of Fukushima Daiichi Nuclear Power Station“

   Chairperson: Kuniaki Kawabata (JAEA)

11:50 – 13:00 Lunch Break

13:00 – 14:00 Invited talk, Dr. Kenji Kaneko

   (The National Institute of Advanced Industrial Science and Technology, Japan)

   “Labor Humanoids - Towards Practical Use in Harsh Environments -”

   Chairperson: Dr. Tamio Tanikawa (AIST, Japan)

14:00 – 15:20 Facility tour of Naraha Center for Remote Control Technology Development, JAEA
15:20 – 16:40 Poster session

P1: Katsuhiro Yoshikawa (The Japan Atomic Power Company) “Outline of Nuclear Emergency Support Organization”
P3: Fumiaki Abe (The University of Aizu) “Design a Unknown Bar Attitude Controller for Small Disaster Response Robot”
P5: Ryo Kanno (Fukushima University) “Wing Simulation for Glider Type Small Underwater Robot for Environmental Survey”
P6: Keita Nakamura (The University of Aizu) “A Consideration on Better Selection Criterion of Images for 3D Reconstruction”
P7: Kenta Suzuki (JAEA) “Development of Traffic Control Simulator for providing Remote Operation Experience affected by Communication Failure”
P8: Taichi Yamada (JAEA) “Sensor Database for Performance Evaluation of SLAM for Mapping Task in Reactor Buildings”
P9: Satoshi Aoyama (Toyama Prefectural University) “Proposal of Disconnection Prevention System in Multi-Robot System Utilizing LCX Network by Monitoring Broadcast Packets Storing Traffic Information”
P11: Yonghoon Ji (Chuo University) “Semantic survey map building framework using semi-autonomous mobile robot in disaster area”
P12: Toshihide Hanari (JAEA) “Fundamental Study on 3D Structural Reconstruction from Video for Decommissioning”
P13: Yuta Tanifuji (JAEA) “Identification of the Objects in Nuclear Facility based on 3D Point Cloud Data”
16:55 leave from Naraha center

# 9:49 JR train arrives at Kido station
#17:15 JR train leaves from Kido station
#20:16 Last JR express train leaves from Iwaki station

**Oct 31st**

10:15 – 12:00 Invited talk, Prof. Robin Murphy (Texas A&M Univ.)

“Human-Robot Interaction for Disaster Robotics“

and demonstration of UAV by Prof. Robin Murphy

12:15 leave from Naraha center

# 9:49 JR train arrives at Kido station
#12:47 JR train leaves from Hirono station
#14:16 JR train leaves from Kido station