

Subjects of Poster Presentations by Japanese Participants, 2011 JAFOE

1	Shingo Ando Yaskawa Electric Corp.	Human-like Assembly Robots in Factories
2	Hiromasa Fujii NTT DoCoMo, Inc.	Studies on Spectrum Sharing Techniques
3	Shingo Hirano Mitsubishi Materials Corp.	Oxide Microstructure for Optical Applications
4	Yuji Hirai Tohoku Univ.	Biomimetic functional silicon surface prepared by using self-organized polymer masks
5	Naoe Hosoda NIMS	Nanotechnology elucidates the secret for a insect feet grooming
6	Fumiaki Inutsuka East Japan Railway Company	Risk Assessment on Railway in consideration of social values
7	Masahiro Ishiyama Toshiba Corp.	FIAP: A Data Exchange Infrastructure for Open Sensors and Facility Networks
8	Katsuya Kanaoka Man-Machine Synergy Effectors, Inc.	Man-Machine Synergy Effector: Anthropomorphic Robotic Tools Based on Hybrid Approaches
9	Ichiroh Kanaya Osaka Univ.	Media Art and Design Based on Digital Media and Human-Computer Interaction Technologies
10	Hiroshi Kawasaki Kagoshima Univ.	Challenges on capturing dense 3D data of fast moving objects
11	Tsuruyo Kawauchi Toyota Motor Corp.	Bio Fuel Cell: Generating Electricity by Enzymes
12	Asanobu Kitamoto NII	Digital Silk Road: Reviving Silk Road Using Massive Geospatial Data
13	Mai Kiuchi CRIEPI	Smart Grid Cyber Security
14	Yoshio Matsumoto AIST	Towards Industrialization of Service Robots
15	Shiho Moriai Sony Corp.	Lightweight Cryptography: Security for Energy Constrained Devices
16	Jun Morimoto ATR	Recent Advances in Brain Robot Interfaces
17	Miho Murata Fujitsu Laboratories Ltd.	Distributed Data Store for Cloud Computing
18	Takayuki Murosaki Hokkaido Univ.	Antifouling activities of hydrogels against barnacles – biomimetic design inspired by seaweed –
19	Yoshisada Nagasaka National Agriculture and Food Research Organization	Autonomous transplanting operation in paddy fields
20	Yuya Oaki Keio Univ.	Principles and Results Related to Biomimetic Crystal Design
21	Takeshi Oishi Tokyo Univ.	Integration of huge range images measured by different types of sensors
22	Yasuhide Okamoto University of Tokyo	Network Display System for Large Cultural Heritage Objects via Cloud Computing Environments
23	Akira Saito Osaka Univ.	Material Design and Fabrication of Structural Color using a Biomimetic Approach: Mystery of Morpho Butterfly's Blue
24	Kenji Saito Keio Univ.	Towards Realization of Earth-Scale OS – Information Infrastructure for Post-Peak Oil/Coal/Uranium Age –
25	Shoichi Sakane Cisco Systems G.K.	The issues and standardization of the IP technologies for the field area network of Smart Grid
26	Yuji Sekiguchi AIST	Recent Advances in Biometrology: Development of Standards and Tools for Measuring
27	Toshikazu Shibata Sumitomo Electric Industries, Ltd.	Battery Applications for High Reliable Electric Power Network
28	Tomomichi Sugihara Osaka Univ.	Toward Practical Humanoid Robots
29	Atsuko Takefusa AIST	Resource Management Framework for InterCloud
30	Yasuo Tan JAIST	Smart House Testbed for both Physical and Cyber Entities