

Subjects of Poster Presentations by Japanese Participants, 2011 JAFOE

1	Bryan Adams One Plus Four Ventures	Robots and App Stores –Changes to software distribution, and their impact on robotics–
2	Kathryn Beers National Institute of Standards and Technology	Flow Chemistry and Modeling of Enzyme Catalyzed Polymerization of ϵ – Caprolactone
3	Daniel Belov Google Inc.	
4	Alfred Crosby Univ. of Massachusetts, Amherst	Bioinspired Materials Mechanics
5	Katharine Frase IBM	
6	Johannes Gehrke Cornell Univ.	Tools for Large–Scale Spatial Simulation Design and Analysis
7	Samuel Graham Georgia Institute of Technology	The Development of Thin Film Barriers for Encapsulating Organic Solar Cells
8	William Henson ISO–New England	New England Wind Integration Study (NEWIS) ISO–New England
9	Yan Liu Univ. of Southern California	Temporal Causal Models for Massive Time–Series Data Mining: Climate Change Attribution and other Applications
10	Sergio Loureiro Pratt & Whitney	
11	Ning Lu Pacific Northwest National Laboratory	A Predictive Defence Model for the Smart Grid
12	Rory MacKean Harvest Automation Inc.	
13	Hiroshi Matsui City Univ. of New York –Hunter College	Three–Dimensional Directed Self–Assembly of Peptide Nanowires into Micrometer–Sized Crystalline Cubes with Nanoparticle Joints
14	Karen Miu Miller Drexel Univ.	
15	Darrin Pochan Univ. of Delaware	Soft Matter and Nanostructure through Molecular Assembly
16	Sunil Prabhakar Purdue Univ.	Trustworthy Data From Untrusted Servers
17	Pedro Reis MIT	Elasticity, Geometry & Statistics Laboratory –understanding the mechanics of their objects–
18	Cyrus Shahabi Univ. of Southern California	TransDec: A Data–Driven Framework for Decision–Making in Transportation Systems
19	Mark Swihart Univ. at Buffalo (SUNY)	Synthesis, Functionalization, and Applications of Engineered Nanoparticles
20	Mikell Taylor Bluefin Robotics	Bluefin Robotics
21	Eduardo Torres–Jara Worcester Polytechnic Institute	Sensitive Robotics
22	Natarajan Venkatakrishnan GE Appliances–General Electric Company	
23	James Walker Southwest Research Institute	Impact Physics and Penetration Mechanics
24	Matthew Williamson Heartland Robotics	Transition of Robot Technologies from Academia to Industry or: Why is it difficult? And how to encourage more transfer
25	Zhe Wu Oracle	Enterprise Knowledge Integration with Oracle Database Semantic Technologies
26	Le Xie Texas A&M Univ.	Integrity Data Attacks on Smart Grid Market Operations
27	Shu Yang Univ. of Pennsylvania Sumitomo Electric Industries, Ltd.	Engineering Biomimetic Materials by Harnessing Mechanical Instability of High–Aspect–Ratio Polymer Pillar Arrays
28	Muhammad Zaman Boston Univ.	Probing cancer progression through novel bio–inspired materials and multi–scale modeling