

2009 JAFOE
Participant List

Organizers

Ichiro Kanaya (Japan co-chair)
Associate Professor
Frontier Research Center, Graduate School of Engineering
Osaka University

Arup Chakraborty (U.S. co-chair)
Robert T. Haslam Professor of Chemical Engineering
Massachusetts Institute of Technology

Junichi Fujino
Senior Researcher
Climate Policy Assessment Section
Center for Global Environment Research
National Institute for Environmental Studies

Tamami Fukushi
Fellow
Center for Research and Development Strategy
Japan Science and Technology Agency

Warren Grill
Professor
Department of Biomedical Engineering
Duke University

Jeff Heflin
Associate Professor
Department of Computer Science and Engineering
Lehigh University

Lai-Young Leung
Laboratory Fellow
Pacific Northwest National Laboratory

Mohan Manoharan
General Manager, Operations
GE Global Research-Bangalore

Hideki Mima
Associate Professor
Center for Innovation in Engineering Education / Center for Knowledge Structuring
School of Engineering
The University of Tokyo

Hideyuki Murakami
Chief Researcher
Coating Materials Group, Hybrid Materials Centre
National Institute for Materials Science

Speakers

Geoffrey Blanford
Program Manager
Global Climate Change
Electric Power Research Institute

Karl Deisseroth
Associate Professor of Bioengineering
Stanford University

Naotaka Fujii
Lab Head
Laboratory for Adaptive Intelligence & BTCC Interactive Brain
Communication Unit Brain
Science Institute
RIKEN

Mark Greaves
Director, Knowledge Systems
Vulcan, Inc.

Naota Hanasaki
Researcher
Social and Environmental Systems Division
National Institute for Environmental Studies

Joanna Jankowsky
Assistant Professor
Department of Neuroscience
Baylor College of Medicine

Shigeru Kuramoto
Senior Researcher
Frontier Research Division
Frontier Research Center
Toyota Central R&D Labs., Inc.

Hiroaki Miura
Visiting Researcher/Visiting Scientist
Research Institute for Global Change, Japan Agency for Marine-Earth Science and
Technology/Department of Atmospheric Science
Colorado State University

Kotaro Nakayama
Assistant Professor
The Center for Knowledge Structuring
The University of Tokyo

Athanasios Nenes
Associate Professor and First Blanchard-Milliken Young Faculty
School of Earth and Atmospheric Sciences
School of Chemical and Biomolecular Engineering
Georgia Institute of Technology

Paulo Pinheiro da Silva
Assistant Professor
Department of Computer Science
University of Texas, El Paso

Ganpati Ramanath
Professor of Materials Science and Engineering Director
Center for Future Energy Systems
Rensselaer Polytechnic Institute

James Ruud
Materials Scientist
GE Global Research

Yoshinori Takenami
Chief Manager
System Development Department
Sumitomo Electric Information Systems Co., Ltd.

Tetsu Tanaka
Professor
Graduate School of Biomedical Engineering
Tohoku University

Ryo Yoshida
Associate Professor
Department of Materials Engineering
Graduate School of Engineering
The University of Tokyo

General Participants

Ana Antón
Professor
Department of Computer Science
North Carolina State University

Joshua Binder
Environmental Technology Leader
Boeing Research and Technology
Boeing Company

M. Brian Blake
Professor and Associate Dean of Engineering
Department of Computer Science and Engineering
University of Notre Dame

Christopher Doerr
Distinguished Member of Technical Staff
Advanced Photonic Devices
Alcatel-Lucent, Bell Labs

Kensuke Fukuda
Associate Professor
National Institute of Informatics

Masahiko Fujii
Associate Professor
Graduate School of Environmental Science
Hokkaido University

Tyrone Grandison
Research Manager
Data Privacy and Mining Technologies
IBM Almaden Research Center

Takashi Hashimoto
Professor
School of Knowledge Science
Japan Advanced Institute of Science and Technology

Mitusko Ishihara-Sugnao
Senior Research Scientist
Functional Material Laboratory,
Toshiba Corporation

Eri Itoh
Research Scientist
Air Traffic Management Department
Electronic Navigation Research Institute

Lalana Kagal
Research Scientist
CSAIL
Massachusetts Institute of Technology

Yasuaki Kakehi
Lecturer
Faculty of Environment and Information Studies
Keio University

Kaoru Kimura
Engineer
Device Development Section, Photonics Development Department
Sony Corporation

Yuji Kimura
Senior Researcher
Structural Metals Center
National Institute for Materials Science

Akihiro Kondo
Senior Research Engineer
Kajima Corporation

Takao Kusakawa
Associate Professor
Faculty of Economic Sciences
Hiroshima Syudo University

K. Rustan Leino
Principal Researcher
Programming Languages and Methods Group
Microsoft Research

Kazunari Maki
Dr. Eng. Material Scientist, Assistant Manager
Metal Processing Laboratory
Central Research Institute
Mitsubishi Materials Corporation

David Mitchell
Materials Scientist
Siemens

Daniel Moran
Assistant Professor
Department of Biomedical Engineering
Washington University

Susumu Ota
Research Fellow
Center for Innovation in Engineering Education
School of Engineering
University of Tokyo

Janet Pan
Barton L. Weller Associate Professor of Electrical
Department of Electrical Engineering
Yale University

Hongkun Park
Professor of Chemistry and Physics
Harvard University

Pouyan Pourbeik
Technical Executive
Electric Power Research Institute

Takashi Sakajo
Associate Professor
Department of Mathematics
Hokkaido University

Sanjiv Sinha
Vice President
Environmental Consulting & Technology, Inc.

Takashi Suzuki
Senior Researcher
Fujitsu Laboratories Ltd. Device & Materials Laboratories

Yoshiyuki Takeda
Assistant Professor
Department of Project Management
Chiba Institute of Technology

Shuji Tanaka
Associate Professor
Department of Nanomechanics
Tohoku University

Takuo Tanaka
Associate Chief Scientist
RIKEN
Advanced Science Institute
Metamaterials Laboratory

Seth Taylor
Research Scientist
Northrop Grumman

Sundeep Vani
Technical Director
Biproducts Division
Archer Daniels Midland

Alice Wang
Senior Member of Technical Staff
Texas Instruments

Beth Winkelstein
Assistant Professor
Department of Bioengineering
University of Pennsylvania

Yumiko Yoshimura
Professor
Section of Developmental Neurophysiology
Okazaki Institute for Integrative Bioscience
National Institutes of Natural Science

Dinner Speaker

Fred Kavli
Chairman
The Kavli Foundation

Japan Science and Technology Agency

Akira Takamatsu
Executive Director

Saori Tsuchiya
Section Head, Department of International Affairs

Asuka Ishibashi
Department of International Affairs

Engineering Academy of Japan

Tsuneo Nakahara
President

Toshiyuki Yamada
Executive Director

Masatoshi Okada
Chair, Committee on International Affairs

National Academy of Engineering

George Bugliarello
Foreign Secretary

Lance Davis
Executive Officer

Janet Hunziker
Senior Program Officer

Jacqueline Martin
Senior Program Assistant