

The 8th US-Japan Digital Innovation Hub and Advanced Technology Workshop

Wednesday, September 11

Location for Day 1

Ohio Stadium - NetJets Landing Room
411 Woody Hayes Dr., Columbus, OH 43210

Poster Session: Block O Room

Sponsored by Ohio State's East Asian Studies Center

- **8:00 Registration and Networking**

Light Breakfast

- **9:00 Day 1 Opening Remarks**

Overview of the goals and program of the 8th US-Japan Digital Innovation Hub and Advanced Technology Workshop

Hiroyuki Fujita, Former Chair, The Ohio State University Board of Trustee; Honorary Consul of Japan in Cleveland; Chairman, Canon Healthcare USA, Inc.

Shuzaburo Takeda, President, Takeda & Associates; Special advisor, University of Tsukuba; Counselor, Tokai National Higher Education and Research System

- **9:10 Opening Address**

H.E. Shigeo Yamada, Japanese Ambassador to the United States (PRE RECORDED)

- **9:15 Opening Keynote**

Patricia Gruber, Science and Technology Adviser to the Secretary of State, U.S. Department of State

- **9:45 Semiconductor Keynote 1**

Sanjay Natarajan, Senior Vice President and General Manager, Components Research, Intel Corporation (By VIDEO CONFERENCE)

- **10:00 Semiconductor Keynote 2**

Hideo Ohno, Special Advisor, Ministry of Economy, Trade and Industry, former President of Tohoku University

- **10:15 Panel Session:** Leading-Edge Semiconductors Technology

Panel Moderator: Steven Ringel, Executive Director, Institute for Material and Manufacturing Research and Distinguished University Professor, Electrical and Computer Engineering, The Ohio State University



- Eugene A. Fitzgerald, CEO, Singapore-MIT Alliance for Research and Technology and Merton C. Flemings – Singapore MIT Alliance Professor of Materials Engineering, Massachusetts Institute of Technology
- Mark Lundstrom, Don and Carol Scifres Distinguished Professor of Electrical and Computer Engineering and Chief Semiconductor Officer, Purdue University
- Akinobu Teramoto, Director of Research Institute for Semiconductor Engineering, Hiroshima University
- Hiromi Yuasa, Professor of Faculty of Information Science and Electrical Engineering, Kyushu University

• **11:30 Lunch - Networking**

• **12:30 Quantum Keynote**

Supratik Guha, Professor, Pritzker School of Molecular Engineering and Senior Advisor to Argonne Physical Sciences and Engineering, University of Chicago and Chicago Quantum Exchange (BY VIDEO CONFERENCE)

• **1:00 Panel Session: The Future of Quantum Computing**

Panel Moderator: Zeke Johnston-Halperin, The Ohio State University

- Joseph Broz, Vice President of Quantum BD- Public and Academia, IBM Quantum
- Takao Onoye, Executive Vice President, Osaka University
- Raymond E. Samuel, Professor, Science and Technology, North Carolina A&T State University
- Kevin Singh, Assistant Professor in Physics, The Ohio State University

• **2:15 Coffee Break and Networking**

• **2:30 Artificial Intelligence Keynote**

Ayanna Howard, Dean, College of Engineering, The Ohio State University

• **2:50 Panel Session: Artificial Intelligence Research Discoveries and Applications**

Panel Chair and Moderator: Ness Shroff, Professor, Computer Science and Engineering, The Ohio State University

- Dee Pai, Chief Data Scientist, JP Morgan Chase
- Venki Ramaswamy, Chief Technologist for NextG, MITRE Labs
- Tetsuya Sakurai, Director, Center for Artificial Intelligence Research, University of Tsukuba
- Mika Takagi, Director General, New Energy and Industrial Technology Development Organization (NEDO), Special Advisor to Ministry of Economy, Trade and Industry (METI)
- Kazuya Takeda, Vice President for Information System (Digital University) and Information-Related Strategies, Nagoya University



- **4:05 Day 1 Closing Keynote**

Michael Chertoff, Co-founder and Executive Chairman, Chertoff Group (PRE RECORDED)

- **4:20 Day 1 Closing Remarks**

Walter “Ted” Carter Jr., President, The Ohio State University

- **4:30 Networking Evening Reception**

Location: Jack Nicklaus Museum

2355 Olentangy River Rd, Columbus, OH 43210

- **Brief program**

Peter Mohler, Executive Vice President, The Ohio State University

Naoshi Sugiyama, President, Nagoya University

- **6:30 Reception ends**

Thursday, September 12

Location for Day 2

The Faculty Club – Main Ballroom

181 Oval Dr S, Columbus, OH 43210

- **8:30 Networking and Light Breakfast**

- **9:00 Day 2 opening remarks**

Hiroyuki Fujita, Former Chair, The Ohio State University Board of Trustees; Honorary Consul of Japan in Cleveland; Chairman, Canon Healthcare USA, Inc.

- **9:05 Morning Keynote**

Chris Fall, Vice President for Applied Sciences, MITRE Corporation

- **9:20 Panel Session: Data Sharing Rulemaking for AI**

Panel Moderator: Roy Sugimura, Supervisory Innovation Coordinator, National Research Institute for Advanced Industrial Science and Technology (AIST)

- Chris Fall, Vice President for Applied Sciences, MITRE Corporation
- Dennis Hirsch, Professor of Law, The Ohio State University
- Tetsuo Morishita, Vice President of Global Academic Affairs, Professor of Law, Sophia University
- Yoshio Tanaka, Director General, Department of Information Technology and Human Factors, National Institute of Advanced Industrial Science and Technology (AIST)
- Masahiko Uchino, Deputy Director, Trade Policy Bureau, Ministry of Economy, Trade and Industry

- **10:20 Break**



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- **10:30 Future Transportation Technology Keynote**

Duane Detwiler, Vice President, Honda Research Institute USA, Inc.

Topic: Sustainable Mobility Futures Research and Innovation

- **10:45 Space Exploration Keynote**

John Thornton, CEO, Astrobotic

- **11:00 Panel Session: Space Exploration and Collaboration**

Panel Moderator: John M. Horack, Neil Armstrong Chair in Aerospace Policy, The Ohio State University

- Jeffrey Manber, President International and Space Stations, Voyager Space
- Kazuo Shiokawa, Director, Institute for Space–Earth Environmental Research, Nagoya University
- Yuka Suzuki, Science Counsellor, Embassy of Japan to the United States
- John Vickers, CEO, Blue Abyss

- **12:00 Concluding Keynote**

Kyosuke Nagata, President, University of Tsukuba

- **12:10 Working Lunch – Collaborate on Executive Summary for Workshop**

Hiroyuki Fujita, Former Chair, The Ohio State University Board of Trustee; Honorary Consul of Japan in Cleveland; Chairman, Canon Healthcare USA, Inc.

- **12:50 Closing Remarks**

Shuzaburo Takeda, President, Takeda & Associates; Special Advisor, University of Tsukuba; Counselor, Tokai National Higher Education and Research System

Hiroyuki Fujita, Former Chair, The Ohio State University Board of Trustee; Honorary Consul of Japan in Cleveland; Chairman, Canon Healthcare USA, Inc.

- **1:00 Workshop ends;** Adjourn for optional tours

Following the conclusion of the formal workshop, we invite you to the following optional afternoon tours:

- Temporary ground facilities for Starlab
- Intel construction site



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