



MIT and China: Tomorrow's World

Tuesday, November 13, 2018 | 8:30-6:00 PM | Park Hyatt Beijing, 3F

Tomorrow's World. *How Science, Technology, and the New Innovators Will Help Solve Global Challenges and Inspire and Transform our Lives.*

08:30 Registration

09:30 - 10:30 **Welcome to the MIT China Summit**

L. Rafael Reif, MIT President

Chunli Bai, President Chinese Academy of Sciences

The U.S. and China on the Frontiers of Science

From the mysteries of the human brain, to the outer edges of the cosmos, researchers in the United States and China are advancing human knowledge in service to the world. In this opening session, we'll get a report from the frontiers of science and hear from some of the world's leaders in neuroscience, quantum information, and astrophysics.

Introduction: *Gang Chen, Professor, Department of Mechanical Engineering, MIT*

The Brain

Robert Desimone, Director, McGovern Institute for Brain Research, MIT

The Quantum Computer

Jian-Wei Pan, Professor, University of Science and Technology of China

The Cosmos

Nergis Mavalvala, Professor, Department of Physics, MIT

10:30 – 11:00 Coffee Break

11:00 – 12:30 **The Quest for Intelligence**

This session will showcase the exciting vision and goals of the MIT Quest for Intelligence, a multi-disciplinary research project at the intersection of neuroscience and machine learning. We'll hear directly from key players in this ground-breaking project about how it is dismantling traditional disciplinary barriers in the search for new solutions.

Lan Yang, Co-Founder and Chairperson, Sun Media Group and Sun Future Art Education Foundation

W. Eric L. Grimson, Chancellor for Academic Advancement, MIT

Xiao'ou Tang, Founder of SenseTime and Professor, Chinese University of Hong Kong

Dina Katabi, Professor, Electrical Engineering and Computer Science, MIT

Daniela Rus, Director, Computer Science and Artificial Intelligence Laboratory, MIT

Daniela Rus in conversation with:

Qingfeng Liu, Founder, Chairman and CEO, iFlyTek Co., Ltd.

Lan Yang in conversation with W. Eric. L. Grimson and

Ya-Qin Zhang, President of Baidu

12:30 – 13:45 Lunch

13:45 – 15:00 **Global Challenges. Global Solutions**

Addressing the world's most urgent challenges requires the best minds working together in the search for bold and creative solutions. The universities of the 21st century must be leaders in solving global problems. This session provides a close look at new research in several critical areas, including climate change mitigation, food safety, and the design of sustainable, resilient urban communities. Learn how MIT and China are leading the way to a safer, healthier and more equitable world for all.

Martin A. Schmidt, MIT Provost

Maria Zuber, Vice President for Research, MIT

Retsef Levi, Professor, Sloan School of Management, MIT

Carlo Ratti, Director, SENSEable City Lab, MIT

Siqi Zheng, Director, China Future City Lab, MIT

Melissa Nobles, Dean, School of Humanities, Arts and Social Sciences, MIT

15:00 – 15:15 **Next Generation Leaders: MIT Technology Review Innovators under 35**

A discussion with some of China's leading young scientists and business leaders who are shaping the future through cutting-edge advances in science, healthcare, and technology.

Irene Chen, Editor in Chief, MIT Technology Review China

Xingze Wang, Associate Professor, Dept of Computer Science and Technology, Tsinghua University

Jun Zhu, Founder, Chairman and CEO, Coherent AI

Ying Xu, Research Professor, Academy of Opto-Electronics, Chinese Academy of Sciences

Yichen Shen, Founder & CEO, Lightelligence Inc.

15:15 - 15:45 Coffee Break

15:45 - 16:15 **Strength, Insight, Solutions: How Financial Innovation is Changing Our World**

From shaping the retirement system for future generations to adding key insights in the fight against cancer, financial innovations are changing the world. In this session, leaders in academia

and the innovation economy will map the history of this dynamic field, and provide a glimpse of its exciting future.

Yasheng Huang, Professor of International Management, Sloan School of Management, MIT

Robert C. Merton, Distinguished Professor of Finance, Sloan School of Management, MIT

Jessica Tan, Deputy Group CEO, Group COO and CIO, Ping An Insurance (Group) Company of China, Ltd.

16:15 – 17:00 **New Visions of Education and Research for the Benefit of Humankind**

In the 21st century, powerful new ideas are transforming our world and reshaping education and research. In our closing session, leading figures from MIT and Chinese institutions of higher learning will share their visions for the future, and explore how research universities in the U.S. and China will educate the next generation of talented young people.

Sanjay Sarma, Vice President for Open Learning, MIT

Joi Ito, Director of the MIT Media Lab in conversation with:

Xiao'ou Tang, Founder of SenseTime and Professor, Chinese University of Hong Kong

Bin Yang, Vice President and Provost, Tsinghua University

Closing

Richard Lester, Associate Provost for International Activities, MIT

5:00 - 6:00pm Drinks Reception