

Global Science Engagement in Education December 6th -8th, 2016, Shenzhen, China

December 6th, Tuesday

Site: Magnolia Room, B1, No. 8 Building, Bauhinia Villa

Chair: David Pines

6:00-8:00 pm Reception and informal session

December 7th, Wednesday 8:30 Leaving from hotel

Site: International Meeting Hall 121-1, SUSTC

Expanding and Enhancing Engagement: National and Global Initiatives

Chair: Hong Ding

9:00-9:30 am Opening talk by Shiyi Chen, President of SUSTC

9:30-10:00 am Alan Leshner, AAAS Initiatives

“Scientists Need to Engage the Public at All Levels”

Coffee Break 10:00-10:30 am

10:30-11:00 am David Pines, GSEE Initiatives

“GSEE at 7: Progress and Prospects”

11:00-11:30 am Kazuo Nishimura, GSEE/Japan

“The Science Curriculum Changes and Its Effects on Students in Japan”

11:30 am-12:00 pm M.K. Wu GSEE/Taiwan

“From K-12 Education on Nanotechnology to International Nano-Olympiads—An Approach to Cultivate Young Talents on Emerging Technology”

Lunch and free discussion: 12:00-2:00 pm Guest House Restaurant, SUSTC

Chair: Tai-Kai Ng

2:00-2:30 pm Michael Kuan, “Education and Global Co-innovation”

2:30-3:00 pm Tai-Kai Ng, “Education in A Rapidly Changing World”

3:00-3:30 pm Lan Shi, “New Ways of Science Education in China”

3:30-4:00 pm Hsin Kang CHANG, “Has Mr Science Become a Permanent Resident in China?”

Coffee Break 4:00-4:30 pm

4:30-5:00 pm Hong Ding “A vision for GSEE/China”

5:00-6:00 pm Panel Discussion: New Ways to Make a Difference at the National and Global level Alan Leshner, Kazuo Nishimura, M.K. Wu, Lan Shi, David Pines

Chair: Hong Ding

Banquet 6:00-8:00 pm Guest House Restaurant, SUSTC

December 8th, Thursday **9:00 Leaving from hotel**

International Meeting Hall 121-1, SUSTC

Learning How to Think Like a Scientist

Chair: David Pines

9:30-10:00 am Janet Rafner
“Physics Reimagined: How Design and Gamification
Empowers Engagement”

10:00-10:30 am Feng Deng
“Invest into Online Education”

Coffee Break 10:30-10:50am

10:50-11:50 am **Panel Discussion: Reinventing Middle School Science:
Big Ideas, Games, the Internet, and Citizen Science**

Chair: Hong Ding

**Panelists: David Pines, Janet Rafner, Tian Chen, T.K.
Ng**

Lunch and free discussion: 11:50 am-1:30 pm

Guest House Restaurant, SUSTC

Hotel information:

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