Welcome and Academic Collaboration Overview

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Warmly Welcome to Asia Faculty Summit 2010

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Theme: Technological Trends & Future Talent

Cloud-Client Computing

Multi-Core Processing

Mobile Sensing

Natural User Interaction

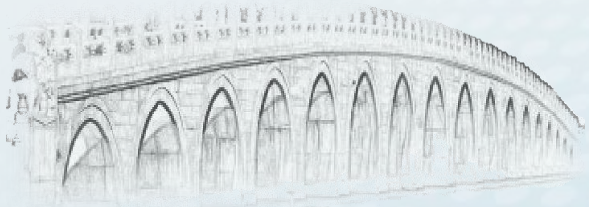
Data-intensive Scientific Discovery

Fostering Future Talents

Academic Collaborations

On an annual basis:

- ~ 20,000 attendees to MSR events
- ~ 180 universities & institutes in Asia
- ~ 30-40 visiting researchers to MSRA
- ~ 100 funded projects
- ~ 200 interns at MSRA
- ~ 8,000 attendees to campus activities



University Relations is a bridge to build long-term and mutually beneficial partnerships between Microsoft Research & academia in Asia Pacific.

Computing in the 21st Century Japan November, 2009

Rick Rashid, Senior VP, Microsoft Research

- Held at Keio University and Kyoto University
- *Three screens and One cloud: Rethinking Computing*
- Over 1,000 faculty and students
- Launched Mt. Fuji Plan announcing a $3M investment over three years

Nov. 4, 2009 at Keio University

Mt. Fuji Plan – Press Announcement

Verified Software Workshop

Beijing Oct 17-20, 2009

Tony Hoare

Wolfram Schulte

Jim Woodcock

Jifeng He

Huimin Lin

Wei Li

Chaochen Zhou

- 240 attendees from more than 30 universities and research institutes in China
- Dr. Tony Hoare designed topics and proposed most influential speakers from China, US, and Europe
- Four academicians of Chinese Academy of Sciences participated and contributed significantly
- First self-paid workshop received overwhelmingly positive responses

eHeritage Project Launched in 2008

- Preserve the past for the future by applying latest research to protect and promote ancient arts
- Organized eHeitage workshops in Beijing (2008), Dunhuang (2009) and Taiwan (2010)
- Engaged more than 200 professors and domain experts
- Funded 16 projects to facilitate cross-discipline collaboration

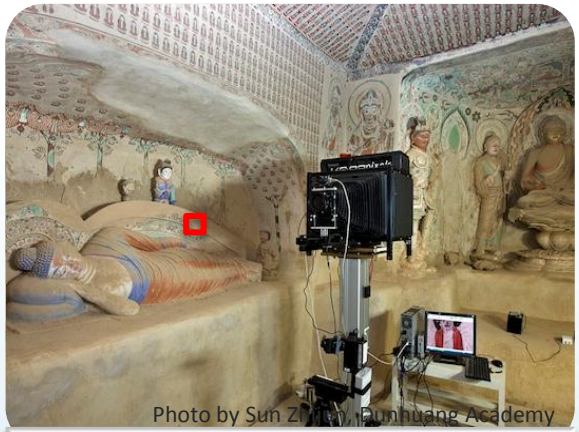


Photo by Sun Zhifeng, Dunhuang Academy

Digital Giga-Pixel Camera At Mogao Caves

- Partner with ***Dunhuang Academy China***
- 1st time captured hi-resolution imaging of 3D structures in the caves

Annotating Traditional Chinese Paintings

- Partner with ***The Palace Museum*** in Beijing and Peking University
- "Life along the Bian River at the Pure Brightness Festival"
- A permanent display at the Palace Museum in Beijing

K. T. Creativity Award 2009

Reviving Bronze - Mao Kung Ting

- Partner with ***The Palace Museum*** in Taipei and National Taiwan University
- Demonstrated at the Future Museum, Taipei Int'l Airport

New Partnerships

Info-Plosion in Japan - Joint program via NII on cloud computing (October 2010)

Ministry of Knowledge Economy in Korea - Co-funding partnership program (September 2010)

IEEE : as part of the IEEE 125th Anniversary Celebration - *"Microsoft Cup" IEEE China Student Paper Contest (September 2009)*

Network Communications Program (NCP) in Taiwan - under the National Science Council on cloud computing (August 2009)

Cultivating Talent

- **Most comprehensive programs, since 1999**
- 330,000 Engaged students via various programs
- 200,000 students touched through campus visits
- 3,500 Interns from 160+ universities in 20+ countries
- 250 Fellowship awarded to PhD students

Future Opportunities

Research collaboration

- Cloud and client computing
- eHealth
- eHeritage
- Natural User Interaction (NUI)
- Mobile Sensing

Talent Fostering

- Internship
- Fellowship

Academic exchanges

Curriculum development

Microsoft Research

Microsoft Research Asia
Faculty Summit 2010

Thank You!