



# 2012 HP Catalyst Summit

Innovations in STEM(+) Learning and Teaching



**Date:** 11-14 April 2012

**Location:** [Westin Beijing Chaoyang](#), Beijing, China

[www.hp.com/go/hpcatalyst](http://www.hp.com/go/hpcatalyst)

[catalyst.nmc.org](http://catalyst.nmc.org)

The 2012 HP Catalyst Summit brings together more than 120 educators, education experts, and policy leaders from 15 countries for sharing emerging practices, professional networking, and collaboration, with a focus on how technology can enable innovations in Science, Technology, Engineering, Mathematics and other key 21<sup>st</sup> century disciplines and skills – STEM(+). The event is supported by HP and hosted in partnership with the International Society for technology in Education ([www.iste.org](http://www.iste.org)).

The objectives of the summit include:

- Accelerate the success of projects and collaborations funded under the HP Catalyst Initiative
- Increase the global visibility of the innovations emerging from the Catalyst network
- Exchange ideas regarding education innovation between education experts, policy leaders, and HP customers in and beyond China

Invited delegates include:

- HP Catalyst network members
- HP Catalyst Consortium Leaders and Executive Advisors
- Selected education innovators (including previous grantees)
- Education policy advisors and education ministry leaders
- HP customers



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## **AGENDA – Day -1 (10 April 2012)**

### ***Summit Registration***

<Location>

Summit registration desk open 4:00pm-6:00pm

## **AGENDA – Day 0 (11 April 2012)**

### ***Summit Registration***

Jimmao Ballroom Lobby

Summit registration desk open 7:30am-6:30pm

### ***Pre-Summit Study Tour***

This optional event introduces delegates to education and culture in China. Participants will visit a school, learn about secondary education in China, and visit some key cultural locations in Beijing. Pre-registration and an additional registration fee are required.

8:30 am	Bus departs Westin Hotel Lobby	
10-11:30am	Beijing #80 Middle School Junior High School Address: 2, Baijiazhuang Xili, Chaoyang District, Beijing, 100020 Tel : 010-59039000 Lunch at school	
1:30pm	Depart for Forbidden City	
5:30pm	Return to Hotel	



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## AGENDA – Day 1 (12 April 2012)

6:30-8am	Breakfast available – Seasonal Tastes Restaurant (included with hotel reservation)	
7:30am	Summit Registration & Information Desk open	Jinmao Ballroom Lobby
8:30am	<b>Welcome</b> Gabi Zedlmayer, Vice President, HP Sustainability & Social Innovation	Jinmao Ballroom AB
8:40am	<b>Keynote</b> Charles Kuan, Vice President, HP Human Resources, Greater China	
9:00am	<b>Plenary Panel</b> – “Collaboration, Inspiration, and Next Steps – The Catalyst Journey So Far...”  <ul style="list-style-type: none"> <li>• Welcome Remarks (and facilitator): Leslie Conery, Deputy CEO, International Society for Technology in Education</li> <li>• Gavin Dykes, former Senior Director, Futurelab</li> <li>• Larry Johnson, CEO, New Media Consortium</li> <li>• Alexa Joyce, European SchoolNET</li> </ul>	
10:00am	Break	
10:30am	<b>Catalyst Consortia Updates</b> <ul style="list-style-type: none"> <li>• Facilitator: Jim Vanides, HP</li> <li>• Stéphan Vincent-Lacrin, Senior Analyst and Project Manager, Organization for Economic Cooperation and Development (OECD)</li> <li>• Ajith Basu, Agastya International Foundation (India) and the “New Learner” consortium</li> <li>• Ananda Gunawardena, Carnegie Mellon University (USA) and the “Measuring Learning” consortium</li> <li>• Sue Cranmer, NFER/Futurelabs (UK) and the “Pedagogy 3.0” consortium</li> <li>• Adele Botha, Meraka Institute (S. Africa) and the “Global Collaboratory” consortium</li> <li>• Frank Mayadas representing the Sloan Consortium (USA) and the “Multiversity” consortium</li> <li>• Steven White, Tsinghua University (China) and the "STEM-Preneur" consortium</li> </ul>	



**AGENDA – Day 1 (12 April 2012)**

11:15am	<b>Workshop Pitches</b> (60 seconds each)	
11:30am	<b>Delegate Networking Activity</b>	
Noon	<b>Lunch &amp; Visit the HP Technology Showcase</b>	Jinmao A/B
	<b>Roundtable – Global Educators Exchange</b> (invitation only) A dialog between education leaders from China and around the world and local HP management. The goal is to learn from one another and explore ways to collaborate moving forward...	Water Room
1:00pm	<b>Consortia Working Sessions</b>	
	New Learner Consortium	Jinmao A/B (1)
	Global Collaboratory	Jinmao A/B (2)
	Pedagogy 3.0	Jinmao C (1)
	Multiversity	Jinmao C (2)
	STEM-preneur	Metal
	Measuring Learning	Wood
3:00pm	<b>Break</b> ...and setup for first round of showcase “posters”	
3:30pm	<b>Catalyst Project Showcase</b> (session #1) This session is designed to provide opportunity for delegates to become familiar with the innovations being explored by other delegates. Half of the delegates present, while the other half visit the posters throughout the hall. The following day, they switch roles.  Also available at this time is the Technology Showcase hosted by HP.	Jinmao C
5:00pm	<b>Break</b> ...and setup for evening event	
5:30pm	<b>“Celebration of Mathematics”</b> The evening begins with an opportunity for delegates to engage with students from a local secondary school who will be visiting to share how they use technology to learning mathematics.	Jinmao C
7:00pm	<b>Dinner</b> This is followed by dinner and the announcement of the first round of Leadership Fund Awards.  Evening Remarks by Julie Lindsey -	Jinmao A/B



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## AGENDA – Day 2 (13 April 2012)

6:30-8am	Breakfast available – Seasonal Tastes Restaurant (included with hotel reservation)	
8:00am	Summit Registration & Information Desk open	Jinmao Ballroom Lobby
8:00am	<b>Welcome</b> Jim Vanides, Education Program Manager, HP Sustainability & Social Innovation	Jinmao Ballroom AB
8:15am	<b>Keynote Panel – “Education Transformation in China”</b> <ul style="list-style-type: none"> <li>• Professor WANG Changpei - Professor of mathematics education and the formal dean of the mathematics faculty and the vice-chairman of Beijing Mathematics Association.</li> <li>• Professor CAO Yiming - Department of Mathematics, Beijing Normal University; Deputy-Director of Chinese Commission on Mathematical Instruction (ICMI--China)</li> <li>• LIU Jian, Vice Director of Curriculum, Pedagogy and Learning Materials – China Ministry of Education</li> <li>• XIA Guoming, Chief of China Education Equipment Industry Association</li> </ul> <p>Facilitator: GT Springer, HP</p> <p>Transition Logistics: ISTE</p>	
9:15am	<b>Catalyst Project Showcase (session #2)</b> This session is designed to provide opportunity for delegates to become familiar with the innovations being explored by other delegates. Half of the delegates present, while the other half visit the posters throughout the hall.  Also available at this time is the Technology Showcase hosted by HP.	Jinmao C
10:45am	<b>Break</b>	
11:00am	<b>Finding Future Funding for Collaboration &amp; Scaling</b> Part 1: Tips and suggestions from Experts  Organized by Sue Cranmer, Neil Ingram, and Ann Ewasechko Goal: All delegates leave with a personal action plan that includes, 1) next steps to move my project to scale, 2) a list of who I will collaborate with to get to success, including advisors and grant-seeking partners, and 3) a list of targeted organizations that I will learn about and begin exploring funding opportunities with.	Facilitators: (TBD)
12:00pm	<b>Lunch &amp; Visit the HP Technology Showcase</b>	Jinmao AB
	<b>Optional: Focus Groups with HP</b>	Metal & Wood



**AGENDA – Day 2 (13 April 2012)**

1:00pm	<b>Finding Future Funding for Scaling</b> Part 2: Creating and testing our Personal Action Plans  Transition Logistics: ISTE	Jinmao Ballroom AB
2:00-4pm	<b>Catalyst Exec Advisors</b> (by invitation meeting with HP)	Suite
2:15pm	<b>Workshops</b> (round 1)	
	Using Free Tools to Transform Your Classroom with Real-Time Formative Assessment	Jinmao AB
	Using Project Experiences to Evaluate Learning Environments	Jinmao C
	Assessment of "PLUS" and Interest in STEM	Metal
	HP Calculators	Wood
	E-Portfolios for Learner-Centered STEM Environments	Fire
3:15pm	<b>Break</b>	
3:30pm	<b>Workshops</b> (round 2)	
	Classroom Salon: How to Enable Social Learning in Your Course through Better Communication	Jinmao AB
	Objects in STEM+ Education	Jinmao C
	How Can We Measure Success?	Metal
	STEM+ in 3D: Virtual Worlds	Wood
	Telling Your Project's Story	Fire
4:30pm	<b>downtime / networking</b>	
5:45-9pm	<b>Evening Dinner</b> Bus leaves hotel lobby at 5:45pm  Evening Remarks	Offsite – location TBD



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## AGENDA – Day 3 (14 April 2012)

6:30-8am	Breakfast available – Seasonal Tastes Restaurant (included with hotel reservation)	
8:00am	Summit Information & Material Pick-Up Desk open	Jinmao Ballroom Lobby
8:30am	<b>Welcome</b> Jeannette Weisschuh, Director, Education Strategy, HP Sustainability & Social Innovation	Jinmao Ballroom AB
8:45am	<b>Keynote – “Addressing the General Education Challenge: A Focus on STEM”</b> Dr. Mmantsetsa Marope, Director of the Division of Basic Education at UNESCO; Dr. Min Bista, Education Specialist, UNESCO Beijing Office (to be confirmed)	
9:15am	<b>Visibility &amp; Publications</b> Introduction: Frank Mayadas, Sloan Foundation (emeritus) Goal: Each delegate will leave with a specific action plan for publishing or otherwise raising the visibility of their project and the work of their Catalyst collaborators. This session focuses on (1) gathering ideas about what is possible to do in the areas of Catalyst visibility and publication and (2) creating groups that take ownership of action items in each of the two areas.	Facilitators: (TBD)
10:30am	<b>Break</b>	
10:45am	<b>Consortia Working Sessions</b>	
	New Learner Consortium	Jinmao A
	Global Collaboratory	Jinmao B
	Pedagogy 3.0	Jinmao C (1)
	Multiversity	Jinmao C (2)
	STEM-preneur	Metal
	Measuring Learning	Wood
12:00pm	<b>Lunch</b>	Jinmao Ballroom AB
1:00pm	<b>Recognitions, Reflections, and Wrap Up</b> Announce Online Showcase “People’s Choice Award” Reflections (Consortium Highlights, and others via “open mic”) Summit Surveys	Jinmao Ballroom AB
2:00pm	<b>Adjourn</b>	