Program of the
Sixth International Conference of
MIT’s Learning International Networks Consortium (LINC)
June 16 - 19, 2013
Cambridge, Massachusetts

Sunday, June 16

11:30 AM - 3:30 PM Conference Registration will be available in Lobby 13

12:30 PM - 3:00 PM Pre-Conference Workshops

- “The Role of Open Educational Resources in Making Education Available to All” - Room 491 Stratton Student Center
- “The Flipped Workshop: Hands-on MOOC Development” - Room 26-152

3:15 PM - 5:15 PM MIT campus tour: Learn about the architectural highlights on campus and also visit academic and research centers of interest. Gather for tour in front of Stratton Student Center

6:00 PM - 7:30 PM Conference Registration available at Hyatt Regency Cambridge

Monday, June 17

7:30 AM - 3:30 PM Conference Registration will be available in Lobby 13

7:30 AM - 8:00 AM Continental Breakfast - Lobby 13

8:00 AM - 8:15 AM Conference framing by Richard Larson, Director of MIT LINC

8:15 AM - 8:30 AM Welcome by Eric Grimson, Chancellor of MIT

PLENARY SESSIONS: 8:30 AM - 2:45 PM — MIT Room 10-250

8:30 AM - 10:30 AM Four Perspectives on MOOCs - Keynote addresses; Chair: Dan Hastings - MIT Dean for Undergraduate Education

- Anant Agarwal: President of edX
- Sir John Daniel: Former President of The Open University (UK) and of the Commonwealth of Learning.
- Sanjay Sarma: Director of MITx and the MIT Office of Digital Learning
- Tony Bates: Research Associate with Contact North, Ontario's Distance Education & Training Network

10:30 AM - 11:00 AM Coffee Break - Lobby 13

11:00 AM - 11:45 AM Panel Discussion on MOOCs - Chaired by Dan Hastings
12:00 PM - 1:00 PM Lunch - Stratton Student Center: La Sala De Puerto Rico

12:30 PM - 1:00 PM Lunch Speaker: Zaini Ujang: Vice-Chancellor of Universiti Teknologi Malaysia (Platinum sponsor)

1:15 PM - 2:15 PM The Future Direction of Virtual Universities - Chair: Vijay Kumar, Senior Associate Dean & Director, MIT Office of Educational Innovation and Technology

- Patricio López del Puerto: President of the Virtual University of the Tecnológico de Monterrey, Monterrey, Mexico
- Bakary Diallo: Rector of the African Virtual University, Nairobi, Kenya
- Naveed Malik: Founding Rector of the Virtual University of Pakistan, Lahore, Pakistan

2:15 PM - 2:45 PM Panel Discussion on Direction of Virtual Universities (Chaired by Vijay Kumar)

2:45 PM - 3:15 PM Coffee break - Lobby 13

PARALLEL SESSIONS FOR CONTRIBUTED PAPERS: 3:15 PM - 5:15 PM — MIT Building 4: Rooms - 145; 149; 153; 159; and 265

7:00 PM - 7:30 PM Conference Dinner Reception: Hyatt Regency Cambridge - Charles View Ballroom, 16th floor

7:30 PM - 9:30 PM Conference Dinner: Hyatt Regency Cambridge - Charles View Ballroom

Tuesday, June 18

8:00 AM - 3:30 PM Conference Registration will be available in Lobby 13

8:00 AM - 8:30 AM Continental Breakfast - MIT Lobby 13

PLENARY SESSIONS: 8:30 AM - 2:45 PM — MIT Room 10-250

8:30 AM -10:30 AM The State of Technology-enabled Education around the World - Chair: Richard Larson - Director of MIT LINC; Co-PI of MIT BLOSSOMS

- Fernando Reimers: Director of the International Education Policy Program at the Harvard University Graduate School of Education
- Robin Horn: Director, Programmes, The Children's Investment Fund Foundation (UK) and former Education Sector Manager for the World Bank's Human Development Network
- Lúcia Araújo: CEO of Canal Futura, an educational TV network in Brazil
- Dr. Okhwa Lee: Professor of Educational Technology at Chungbuk National University in South Korea and pioneer of that nation’s educational movement for computer education

10:30 AM - 11:00 AM Coffee break - MIT Lobby 13

11:00 AM - 11:45 AM Panel Discussion on the Global State of Technology-enabled Education.

12:00 PM - 1:00 PM Lunch - Stratton Student Center: La Sala De Puerto Rico

12:30 PM - 1:00 PM Lunch Speaker: Cliff Missen: Director, the WiderNet Project and eGranary, University of North Carolina, Chapel Hill

1:15 PM - 2:15 PM MIT BLOSSOMS: International Co-Creation and Co-Utilization in Producing Math and Science Video Lessons for High School Classes - Chair: Richard Larson - Director of MIT LINC; Co-PI of MIT BLOSSOMS

- Faten Shaheed Ardekany: Project Manager, BLOSSOMS-Saudi Arabia
- Zaleha Abdullah: Project Manager, BLOSSOMS-Malaysia
- M. Elizabeth Murray: Project Manager for overall BLOSSOMS Program

2:15 PM - 2:45 PM Panel discussion on MIT BLOSSOMS - Chaired by Richard Larson

2:45 PM - 3:15 PM Coffee break - MIT Lobby 13

PARALLEL SESSIONS FOR CONTRIBUTED PAPERS: 3:15 PM - 5:15 PM — MIT Building 4: Rooms - 145; 149; 153; 159; and 265

5:45 PM - 9:00 PM River Excursion or shuttle bus to Quincy Market

Bus schedule to Charles River Boat Cruise

- 6:15 PM Hyatt Regency Hotel (575 Memorial Drive) to the Charles River Boat Cruise (First Street by Sears at the Galleria Mall)
- 9:00 PM Charles River Boat Cruise (First Street by Sears at the Galleria Mall) to the Hyatt Regency Hotel (575 Memorial Drive) and Simmons Hall (229 Vassar Street)

Bus schedule to Quincy Market
• 5:45 PM Hyatt Regency Hotel (575 Memorial Drive) to Quincy Market.
• 9:00 PM Quincy Market to Hyatt Regency Hotel (575 Memorial Drive) and Simmons Hall (229 Vassar Street)

**Wednesday, June 19**

8:00 AM - 11:00 AM Conference Registration will be available in Lobby 13

8:00 AM - 8:30 AM Continental Breakfast - MIT Lobby 13

**PLENARY SESSIONS: 8:30 AM - 12:00 PM — MIT Room 10-250**

8:30 AM - 9:30 AM Technology-enabled Learning: What’s Going on at MIT? - Chair: Richard Larson - Director of MIT LINC; Co-PI of MIT BLOSSOMS

- **Bishwapriya Sanyal**: Director of the Special Program in Urban and Regional Studies and Director of the Comprehensive Initiative for Technology Evaluation
- **Brandon Muramatsu**: MIT Office of Educational Innovation and Technology
- **Cecilia d’Oliveira**: Executive Director of MIT OpenCourseWare

9:30 AM - 10:15 AM Technology-Enabled Learning at MIT: The Students’ Perspective

- **Cody Coleman**: Electrical Engineering and Computer Science, ’13
- **Sam Shames**: Materials Science and Engineering, ’14
- **Ethan Solomon**: McGovern Institute for Brain Research, ’12

10:15 AM - 10:45 AM Coffee Break - MIT Lobby 13

10:45 AM - 11:30 AM Panel discussion - Chaired by Richard Larson

11:30 AM - 12:00 PM Conference wrap-up

12:00 PM MIT LINC 2013 Ends

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**Parallel Sessions Schedule**

**Sixth International Conference of MIT’s Learning International Networks Consortium (LINC)**

**June 16 - 19, 2013**

**Cambridge, Massachusetts**

**Sessions #1,2,3,4,5:** Monday, June 17, 3:15 PM - 5:15 PM

**Sessions #6,7,8,9,10:** Tuesday, June 18, 3:15 PM - 5:15 PM

**Monday, June 17, 2013: 3:15 PM - 5:15 PM**

Parallel Session #1

**The Internet and Education: Case Studies from around the World, Part 1**

*(Room 4-145) Session Chair: Carol Sardo*

“Five Trends of Educational Change: Reshaping the Humanity with Global Network Tools” presented by Dr. Mikhail Bukhtoyarov and Anna Bukhtoyarova (Russia)

“E-learning: Enabling the Differently Able People in India” by presented Rahul Gupta and Nidhi Garg

“Opportunities and Challenges for Open Educational Resources and Massive Open Online Courses: The Case of Nigeria” presented by Babatunde Ipaye

“Technology, Education and Emerging Economies” presented by Veena Kapur

“The Realities of Operating an Open University in Sub-Saharan Africa” presented by Magreth Mushi and Jabiri Bakari (Tanzania)

“Access to Internet Connectivity: the Major Bottleneck to the Adoption of Technology-Enabled Education (The Case of KNUST)” presented by R. K. Okine and J.S. Marfo (Ghana)

“Impediments to Bringing Education to ALL” presented by Dr. M. Padmavathi (India)

“Influence of MOODLE Module Features on Student Motivation to Use eLearning System” presented by Mehwish Waheed (Pakistan)

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Parallel Session #2
Innovative Online Learning Environments
(Room 4-153) Session Chair: Esha Sahai

"An M-Learning Maturity Model for the Educational Sector" presented by Muasaad Alrasheedi and Luis Fernando Capretz (Canada)

"Ubiquitous Learning: The Lived Experience of Students Learning with Smartphones" presented by Nee Nee Chan (Malaysia & England)

"Constructionist Learning using Spreadsheet Based Models on Tablets" presented by Manu Sheel Gupta (India)

"iPodia: Borderless Interactive Learning" presented by Stephen Lu and Ang Liu (U.S.)

"Rethinking Learning" presented by Leslie Richards and Cherine Sallam (Canada & Egypt)

"An Asynchronous, Personalized Learning Platform - Guided Learning Pathways" presented by Cole Shaw and Soheil Sibdari (U.S.)


"Diversity in MOOC Students’ Backgrounds and Behaviors in Relationship to Performance in 6.002x" presented by Jennifer DeBoer and Glenda S. Stump (U.S.)

Parallel Session #3
The Worldwide Development of MOOCs
(Room 4-149) Session Chair: Jan Marie Olownia

"Entrepreneurship: The First MOOC in Malaysia" presented by Muhstak Al-Atabi

"Surviving the Avalanche: Improving Retention in MOOCs" presented by Nicholas Breakwell (Ireland)

"Teacher Education MOOCs for Developing World Contexts: Issues and Design Considerations" presented by Clifford Omodele Fyle (Oman)

"MOOCs Concept and Design Using Cloud-based Tools: Spanish MOOCs Learning Experiences" presented by Rocael Hernandez Rizzardini (Guatemala)

"An Integrated Framework for the Grading of Freeform Responses" presented by Piotr F. Mitros and Vikas Paruchuri (U.S.)

"Massive Open Online Courses: a New Window on Education" presented by Daniel T. Seaton, Yoav Berger and David E. Pritchard. (U.S.)

"MOOCing in Belgium" presented by Caroline Stockman

"MOOCs and Foucault’s Heterotopia: On Community and Self-Efficacy" presented by James E. Willis, III (U.S.)

Parallel Session #4
Overcoming Diverse Barriers with Technology-Enabled Education: Case Studies
(Room 4-159) Session Chair: Elizabeth Murray

"Group Online Collaboration For Scholarly Articles Readability and Understandability: SOAR" presented by Bee Bee Chua (Australia)

"Intercultural Communicative Competence Development In Teletandem Learning Context" presented by Sami B. Al Hasnawi (Iraq)

"Education’s Ability to Build Bridges in a Post Conflict Scenario" presented by Hazel Jones (Northern Ireland)

"Conditions for a Sustainable Online Master at CERAP" presented by Serge Azidé Lorougnon (Ivory Coast)

"Blended Learning in Complex Environments: Reaching Learners in the Field" presented by Barbara Moser-Mercer (Switzerland)

"Conflict Resolution and Peace Building in J&K State: Need for an Integrated Educational Framework" presented by Dr. Renu Nanda (India)

"Autonomous Empowerment through Pre-recorded Presentation Software: A Case Study from an EFL Setting at Kanda University of International Studies" presented by Lucius Von Joo (Japan)
Parallel Session #5
Technology-Enabled Education Applied to Academic Courses: Science, Engineering and Mathematics
(Room 4-265) Session Chair: Elizabeth Derienzo

"Project-Oriented Approach with a Matlab/Simulink Environment for Engineering Teaching and Research" presented by Ella Akkerman (Israel)

"Innovative Teaching and Learning Tools for Foundation in Engineering Education” presented by Christopher M. K. Chew and F. L. Ooi (Malaysia)

"The Use of Educational Technology in an Engineering School: Then, Now, and the Future” presented by Ray Eaton (Australia)

"From Flipped to Open Instruction: The Mechanics Online Course” presented by Colin Fredericks, Saif Rayyon, Daniel Seaton and David Pritchard (U.S.)

"Active Learning Electronic Resources and Tools for Inquiry on Tablet Devices” presented by Ahmed Ibrahim (Canada)

"Sources of Knowledge’ For Students Entering A Gateway Science Course” presented by Ahmed Ibrahim (Canada)

"Technology Enabled Science Education at University Level” presented by P.S. Sreedevi (India)

"Conceptual Understanding of Undergraduate Students of Calculus in Cooperative Learning Using Calculus Education Software (CES)” presented by Sujata U. Tapare (India)

Tuesday, June 18, 2013: 3:15 PM - 5:15 PM
Parallel Session #6
The Internet and Education: Case Studies from around the World, Part 2
(Room 4-153) Session Chair: Sahar Hashmi

"Quality of E-learning in the Newly Emerging Saudi Universities” presented by Ali H. Alharbi and Mohammed S. Alharbi (Kingdom of Saudi Arabia)

"Finding Ways to Bring Education to Everyone In Panama Through Mobile Learning” presented by Aris Castillo

"Cybersocial Territories” presented by Eduardo Cote (Columbia)

"Many Hands Make the Load Lighter’: Haitian Creole and Technology-Enhanced Active Learning Toward Quality Education for All in Haiti” presented by Michel DeGraff

"Is a Latin American Common Area of Knowledge Possible? An Academic Innovation Model Based on the Experience of the Private Technical University of Loja, Ecuador Utpl (Utpl)” presented by A. Maria Isabel Loaiza

"The Management of the International Online Distance Learning Program in Thailand” presented by Krisda Tanchaisak

"The Students' Perceptions toward Ramkhamhaeng University Blended Distance Learning” by Narat Wattanapanit (Thailand)

Parallel session #7
Technology-Enabled Education for Pre-University Students: MIT BLOSSOMS and other K-12 Programs
(Room 4-145) Session Chair: Said Jahama

"Enriching 21st Century Higher Education Students’ Job Creation Skill: UTM Academic Staff Perceptions Toward MIT BLOSSOMS” presented by Baharuddin Aris and Zaleha Abdullah (Malaysia)

"Developing Information Communication Technology (ICT) Curriculum Standards for K-12 Schools in the Philippines” presented by Armin L. Bonifacio

"Role of Class Teacher in Blended Learning Environment” presented by Muhammad Kashif Farooq (Pakistan)

"Remote Mentoring Young Females in STEM through MAGIC” presented by Ira Pramanick and Esha Sahai (U.S.)

"BLOSSOMS - Mini: A BLOSSOMS Experiment for Public and Private Schools in Pakistan” presented by Ovais Ahmed Tanweer

"Educational Technology and its Acceptance Level Among the Students and Teachers in Some Rural Areas" presented by S K Wanchoo (India)

"How well does Sparse Blended Learning Work? A Case Study from a Developing Country” presented by Imran A. Zuaikernan (United Arab Emirates)
Parallel Session #8
Creative Use of Social Media in Technology-Enabled Education
(Room 4-149) Session Chair: Janet Wasserstein

"Collaborating Towards Learning, Using Social Spreadsheets for Health Education and Community Awareness" presented by Manu Sheel Gupta (India)

"Using a Social Media Platform to Explore How Social Media Can Enhance Primary and Secondary Learning" presented by Sanjay Krishnan, Yuko Okubo and Kanji Uchino (U.S. & Japan)

"Reflect and React Social: Media Used to Deepen the Discussion" presented by Martin Löfgren and Per Ahlkvist (Sweden)

"Biochemians Got Talent: Student Assessment Through YouTube Video Presentations" presented by Jason Matthew (Republic of Trinidad and Tobago)

"Innovate - Social Media and Open Source in Higher Education" presented by Enagandula Prasad and A. Ramakrishna Prasad (India)

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Parallel Session #9
Organizational Design Requirements for Successful E-Learning
(Room 4-159)

"Public Policy for the Use of Free and Open Source Software in Education at the University Level: The Case of Brazil" presented by Ana Cristina Azevedo Pontes de Carvalho

"From Enthusiasm to Strategy: Four Critical Factors to Sustain the Development of Technology Enhanced Learning in Educational Organizations" presented by Hervé Didiot-Cook (England)

"A Satellite EDUSAT: Changing the State of Education in India" presented by Rahul Gupta and Nidhi Garg (India)

"New Pedagogical Models Facilitated by Technology" presented by Eng. L. Liyanage (Sri Lanka)

"Virtual Support Services for Educators (VSSE)" presented by John T. Okewole (Nigeria)

"Factors Affecting Instructors’ Satisfaction Under E-Learning Environment: The Moderating Role of Optimism" presented by Adnan Riaz (Pakistan)

"E-University: Bridging the Equality and Opportunity in Education for All" presented by Wanida Sujjapunroj (Thailand)

"A Design for Quality Improvement in Remote Higher Educational Institutions Using Technology and Knowledge Management - an Indian Experience" presented by U. Thiruvaazhi

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Parallel Session #10
The Critical Role of Teacher in Successful Technology-Enabled Education
(Room 4-265)

"A Constructivist Model of Teacher Training for eLearning in Knowledge Based Connected Society: I-CONSENT Initiative" presented by Martand Deshmukh and Veena Deshmukh (India)

"Training of Polytechnic Teachers through Blended Technologies: A-VIEW and MOODLE Web Based Technologies in the Western Zone of India" presented by R. K. Dixit

"Integration of Technology Enabled Education in Learning: a Comparative Study of the Influence of Learning Standards in the U.S., Japan, Singapore, and Finland" presented by Kanji Uchino (U.S. and Japan)

"Reducing Teacher Resistance to Change and Innovations" presented by Hayal Koksal (Turkey)

"Education for All Children: Countering the Challenges through Teacher Education" presented by Preeti Vivek Mishra (India)

"Assessing Students and Tutors Mutual Satisfaction from Each Other in an E-Learning Platform: Designing a Workflow Depiction" presented by Morteza Rezaei-Zadeh (Ireland)

"A Study of Attitude and Utilization of Interactive Whiteboard Among Teacher Educators in Nigerian Colleges of Education" presented by Sunday Ayodele Taiw

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