Program Schedule – Monday, June 22

8:00 – 9:00 am - Breakfast, On-site Registration  
Balch Lobby

9:00 – 10:30 am  
Cohen Auditorium

Welcome to IDC 2015
Marina Bers, Tufts University  
Glenda Revelle, University of Arkansas  
Hilary Hutchinson, Google

Welcome to Tufts University
Diane L. Souvaine, Vice Provost for Research, Tufts University

Keynote Panel.  IDC: Where We’ve Been and Where We’re Headed
Moderator: Tilde Bekker, Eindhoven University of Technology

Narcís Parés, Universitat Pompeu Fabra  
Allison Druin, University of Maryland  
Juan Pablo Hourcade, University of Iowa  
Ole Sejer Iversen, University of Aarhus  
Chris Quintana, University of Michigan  
Janet C. Read, University of Central Lancashire

10:30 – 11 am - Coffee Break  
Balch Lobby

11 am – 12:30 pm  
Cohen Auditorium

Paper Session 1. Designing for and with Children: Participatory Design and Co-Design
Session Chair: Tamara Clegg, University of Maryland

Designing Technology for and with Developmentally Diverse Children - A Systematic Literature Review
Peter Börjesson, University of Gothenburg  
Wolmet Barendregt, University of Gothenburg  
Eva Eriksson, Chalmers University of Technology  
Olof Torgersson, University of Gothenburg

Designing for Youth Interpreter Professional Development: a Sociotechnologically-Framed Participatory Design Approach
Priscilla Jimenez Pazmino, University of Illinois – Chicago  
Brian Slattery, University of Illinois – Chicago  
Benjamin Hunt, University of Illinois – Chicago  
Leilah Lyons, University of Illinois – Chicago
Group Dynamics in Participatory Design with Children: Lessons from Social Interdependence Theory
Maarten Van Mechelen, KU Leuven
Vero Vanden Abeele, KU Leuven
Ann Laenen, KU Leuven
Bieke Zaman, KU Leuven

A Case for Intergenerational Distributed Co-Design: The Online Kidsteam Example
Greg Walsh, Digital Whimsy Lab
Elizabeth Foss, Google

12:30 – 2 pm - Lunch
Dewick MacPhie Dining Hall

2:00 – 3:30 pm
Cohen Auditorium

Paper Session 2. Children as Builders: Crafting, Engineering & Programming
Session Chair: Ben Shapiro, Tufts University

Handimate: Exploring a Modular Robotics kit for Animating Crafted Toys
Sang Ho Yoon, Purdue University
Ansh Verma, Purdue University
Kylie Peppler, Indiana University
Karthik Ramani, Purdue University

Designing Visible Engineering: Supporting Tinkering Performances in a Museum Exhibit
Leilah Lyons, New York Hall of Science / University of Illinois at Chicago
Michael Tissenbaum, University of Wisconsin-Madison
Matthew Berland, University of Wisconsin-Madison
Rebecca Eydt, New York Hall of Science
Lauren Wielgus, University of Wisconsin-Madison
Adam Mechtley, University of Wisconsin-Madison

Hi-Lo Tech Games: Crafting, Coding and Collaboration of Augmented Board Games by High School Youth
Yasmin Kafai, University of Pennsylvania
Veena Vasudevan, University of Pennsylvania

To Block or not to Block, That is the Question: Students’ Perceptions of Blocks-based Programming
David Weintrop, Northwestern University
Uri Wilensky, Northwestern University

3:30 – 4:00 pm Afternoon Break
Balch Lobby
Paper Session 3. Education and Learning
Session Chair: Michell Lui, University of Toronto

*Marker-based augmented reality: Instructional-design to improve children interactions with astronomical concepts*
  Stéphanie Fleck, Université de Lorraine
  Martin Hachet, Inria
  M. Christian Bastien, Université de Lorraine

*Opportunistic Uses of the Traditional School Day Through Student Examination of Fitbit Activity Tracker Data*
  Victor Lee, Utah State University
  Joel Drake, Utah State University
  Ryan Cain, Utah State University
  Jeffrey Thayne, Utah State University

*Reverse Scaffolding: A Constructivist Architecture for Mathematics Learning With Educational Technology*
  Kiera Chase, UC Berkeley
  Dor Abrahamson, UC Berkeley

*“I have a tutorial for this”: The language of online peer support in the Scratch programming community*
  Deborah Fields, Utah State University
  Katarina Pantic, Utah State University
  Yasmin Kafai, University of Pennsylvania

6:00 – 9:00 pm - Snacks & Demos
MIT Media Lab

Explore MIT Media Lab demos while munching on hors d’oeuvres.
75 Amherst St, Cambridge, MA
(Red Line to Kendall Square)