



# IDC'15 Workshop on Digital Assessment and Promotion of Children's Curiosity

Tufts University, Boston, MA  
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Opening Remarks

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# Why Curiosity?

- If you're here, you know why.
- Meta-learning: the drive to learn
  - Not a specific domain
  - “Applicable” to all knowledge domains
- Information age: knowledge is within reach

# Digital assessment and promotion

- Why digital?
  - Scalable
  - Objective and quantitative
- Why assessment?
  - To enable scientific and quantitative studies
  - To “benchmark” and “normalize”
  - Detect “abnormalities” and “disorders”
- Why promotion?
  - Curiosity is decreasing (with ?)
  - Promote and maintain high levels of curiosity

# Goal of workshop

- Explore new technologies:
  - Design
  - Development
  - Use
  - Evaluation
- In terms of
  - Challenges in assessing children's curiosity
  - Different evaluation methodologies
  - Design approaches to promotion of curiosity
  - Cognitive and social aspects of curiosity and their interaction with these technologies.

# Specific aims

- Expand: hear many approaches
- Integrate: how can they be combined
- Design tools:
  - Battery of digital assessment tools
  - Repertoire of promotion interventions
- Final report:
  - Summary of discussions and conclusions
  - An example “study”

# Workshop schedule

8:30 - 8:45 *Welcome and introduction: Goren Gordon, MIT*

8:45 - 9:45 *Paper symposium and discussion: Curiosity assessment*

8:45-9:00: *Opening remarks: Jamie Jirout, Rhodes college*

9:00-9:15: *Paper presentation: "Quantifying Curiosity and Exploratory Play on Touchscreen Tablets",  
Madeline Pelz, Amanda Yung, and Celeste Kidd.*

9:15-9:30: *Paper presentation: "Thinking about play: young children's  
spontaneous experiments and scientific reasoning", Audrey K.  
Kittredge, David Klahr, Kevin Willows*

9:30-9:45: *Discussion*

9:45 - 10:15 *Break*

10:15 - 11:15 *Paper symposium and discussion: Curiosity promotion*

10:15-10:30: *Opening remarks: Alicia Chang, Wonder Workshop*

10:30-10:45: *Paper presentation: "Designing instruments to enhance students'  
curiosity in museum contexts: a cross-disciplinary study", Dounia Lahoual, Pauline Gourlet*

10:45-11:00: *Susan Engel, Williams College*

11:00-11:15: *Discussion*

11:15 - 12:15 *Round-table discussion and networking*

12:15 - 12:30 *Concluding remarks: Goren Gordon, MIT*

12:30- 2:00 *Lunch*