



2024 EXTERNAL ADVISORY BOARD Meeting

Wednesday, May 8, 2024

Coda Building, Atrium (9th Floor), 756 W Peachtree St NW, Atlanta, GA 30308

Virtual: <https://gatech.zoom.us/j/94897662776>

8:30-9 AM	Breakfast – Atrium, Coda Building
9:00-9:05 AM	Welcome and Overview – Ashok Goel
9:05-9:30 AM	Panel on Adult Learning and Online Education – Chris Dede (Chair), Steve Harmon, Adie Shimandle Presentation (5 minutes each) and Discussion
	Theory and Design Frameworks – Michael Hoffmann (Chair)
9:30-9:37 AM	Micro, Meso, and Macro Learning – Chris Dede
9:37-9:44 AM	User-Engaged Design – Sanaz Siyahrood
9:44-9:50 AM	Discussion: Theory and Design Frameworks
	Use-Inspired AI – Chaohua Ou (Chair)
9:50-9:57 AM	Enhancing Skill Learning (Apprentice Tutors) – Jennifer Reddig, Glen Smith
9:57-10:04 AM	Enhancing Skill Learning (Ivy) – Rochan Madhusudhana
10:04-10:10 AM	Discussion: Enhancing Skill Learning
10:10-10:17 AM	Enhancing Self-Efficacy (Jill Watson) – Pratyusha Maiti
10:17-10:24 AM	Enhancing Self-Efficacy (SAMI) – Sandeep Kakar
10:24-10:30 AM	Discussion: Enhancing Self-Efficacy

10:30-10:40 AM	BREAK
10:40-10:47 AM	Fostering Deeper Understanding through Text Summarization (SMART) – Jinho Kim, Yoojin Bae
10:47-10:54 AM	Enhancing understanding and knowledge acquisition through interactive reading (iTELL) – Joon Suh Choi
10:54-11:00 AM	Discussion: Text Summarization
11:00-11:07 AM	Fostering Deeper Understanding through Agent-Based Modeling (VERA) – Rahul Dass
11:07-11:10 AM	Discussion: Agent-Based Modeling
11:10-11:25 AM	OPEN DISCUSSION of Use-Inspired AI
Data Infrastructure – Alex Endert (Chair)	
11:25-11:32 AM	A4L Data Architecture for Learning - Ploy Thajchayapong
11:32-11:37 AM	Meso-Learning using A4L - Kohler Fryer
11:37-11:40 AM	Discussion: A4L
11:40-11:47 AM	Data Visualization in Apprentice Tutor and iTELL - Grace Guo, Adam Coscia
11:47-11:50 AM	Discussion: Data Visualization
11:50-12:00 PM	OPEN DISCUSSION of Data Infrastructure
12:00-1:00 PM	Lunch + Posters
1:00-1:35 PM	PANEL on Personalization – Scott Crossley (Chair), Ashok Goel, Min Kyu Kim, Chris MacLellan Presentations (5 minutes each) and Discussion
Looking Ahead – Aileen Reid (Chair)	
1:35-1:42 PM	Program Evaluation and Logic Model – Aileen Reid
1:42-1:49 PM	Plans for next year – Ashok Goel
1:49-1:55 PM	Discussion: Looking Ahead
1:55-2:25 PM	EAB Caucus
2:25-3:25 PM	EAB Feedback
3:25-3:27 PM	Thanks and Adjourn – Ashok Goel

Questions for EAB Caucus

These questions are for the EAB caucus session. Please share your thoughts and ideas on the Padlet board at:

<https://gatech.padlet.org/cou83/eab>

1. We are having difficulty in technology adaption at TCSG. Many students do not engage with our AI technologies. What are some technology adoption policies and practices?
2. One of our goals is greater interaction with industry. While we have had some success, how can you see us moving such ventures forward?
3. Our teams are still mostly decentralized. Do you have any suggestions to help centralize the research?
4. In what priority would you rank these activities?
 - Customizing our tools to key differentiators in adult learning (e.g., age, occupational context and experience, motivation)?
 - Conducting rigorous research on our tools' efficiency and effectiveness?
 - Personalizing our tools to address affective and social outcomes (e.g., self-efficacy, growth mindset, self-directed learning)?
 - Developing performance assessments that document learners' attainments related to skills valued in workplace settings (e.g., microcredential for being able to explain concepts succinctly and accurately to coworkers)?
 - Any activity missing from this list?