



2024 AI-ALOE Retreat Agenda

Location: Coda Building, Room 114,
756 W Peachtree St NW, Atlanta, GA 30308

Virtual: <https://gatech.zoom.us/j/96450149301>

Thursday, March 7 - Morning

Theory of Learning/Change

8:00-8:30	Breakfast (Room 113)	
8:30-8:45	Welcome, Goals, and Agenda	Ashok Goel
8:45-9:00	Outline of an emerging AI-ALOE theory of adult learning and online education	Ashok Goel
9:00-9:30	Breakout Sessions <ul style="list-style-type: none"> Charge: What would an AI-ALOE theory of adult learning and online education look like? How will we know we have a good theory? 	Chris Dede Steve Harmon Ruth Kanfer Aileen Reid
9:30-10:00	Breakout session reports & discussions	
10:00-10:15	Break	
10:15-11:00	Short presentations: Connections between project-level theories of learning/change and Col/Personalization (7 minutes each) <ul style="list-style-type: none"> SAMI (Sandeep Kakar), VERA (Rahul Dass), iTELL (Wesley Morris), Data Visualization (Alex Endert/Adam Coscia), SMART (Min Kyu Kim), Apprentice Tutor (Jenn Reddig) 	
11:00-11:30	Breakout session <ul style="list-style-type: none"> Charge: Synthesize an AI-ALOE theory of AI for adult learning and online education 	Chris Dede Steve Harmon David Joyner Ruth Kanfer
11:30-12:00	Breakout session reports & discussions	

Thursday, March 7 - Afternoon

12:00-1:00	Lunch (Room 113)	
Experimental Design		
1:00-1:45	<p>Examples of Experimental Designs (8 minutes each)</p> <ul style="list-style-type: none"> Jill Watson (Pratyusha Maiti), VERA (John Kos), iTELL (Scott Crossley), SMART (Yoojin Bae), Apprentice Tutor (Momin Saddiqui/Adit Gupta) 	
1:45-2:15	<p>Breakout Sessions</p> <ul style="list-style-type: none"> Charge: What additional kinds of experiments do we need to design to test our emerging theory AI for adult learning and online education? How do we design them? 	<p>Steve Harmon David Joyner Ruth Kanfer Aileen Reid</p>
2:15-2:30	Breakout session reports	
2:30-2:45	Break	
2:45-3:15	Open Discussion: Experimental Design	
3:15-3:45	Open Discussion: Relationship between experimental design and theory	
3:45-4:15	<p>Breakout sessions</p> <ul style="list-style-type: none"> Charge: (Re-)synthesize an AI-ALOE theory of AI for adult learning and online education 	<p>Chris Dede Steve Harmon Ruth Kanfer Aileen Reid</p>
4:15-4:30	Breakout session reports	
4:30-5:00	Open Discussion	
5:00	Adjourn	
5:30	Dinner – GT Hotel Restaurant (tentative)	

Friday, March 8

Data Analysis

8:00-8:30	Breakfast (Room 113)	
8:30-8:45	Summary of Day 1	Ashok Goel
8:45-9:30	<p>Examples of Data Analyses (8 minutes each):</p> <p>Jill Watson (Robert Lindgren/Karan Taneja), VERA (John Kos/Steven Buckley), iTELL (Langdon Holmes/Joon Suh Choi), Data Visualization (Grace Guo), SMART (Jinho Kim), Apprentice Tutor (Glen Smith)</p>	
9:30-10:00	Breakout Sessions	Steve Harmon David Joyner Ruth Kanfer Aileen Reid
10:00-10:15	Breakout session reports	
10:00-10:30	Break	
10:30-11:00	Open discussion on data analysis	
11:00-11:30	Open discussion on implications for experimental design	
11:30-12:00	Open discussion on implications for theory building	
12:00-1:00	Lunch (Room 113)	
1:00	Adjourn	