



2024 NSF Evaluation Site Visit Agenda

June 20 & June 21, 2024

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

Virtual: <https://gatech.zoom.us/j/93852775520>

Color Code
NSF Evaluation Categories
Topic
Panel
Topic Discussion
Open Discussion
Break/Lunch

Thursday – June 20, 2024

Duration	Start	End	ACTIVITY	Responsibility
0:02	8:30 AM	8:32 AM	Welcome	Ashok Goel
0:08	8:32 AM	8:40 AM	Reviewer Introductions	Dr. Abiodun Ilumoka
Strategic Overview & Plan				
0:30	8:40 AM	9:10 AM	AI-ALOE Research and Summary of Accomplishments	Ashok Goel
0:10	9:10 AM	9:25 AM	Open Discussion	
Institute Management - Aileen Reid (Chair)				
0:10	9:25 AM	9:35 AM	AI-ALOE Management	Chaohua Ou
0:05	9:35 AM	9:40 AM	Program Evaluation	Aileen Reid
0:05	9:40 AM	9:45 AM	Open Discussion	
0:35	9:45 AM	10:20 AM	PANEL on Adult Learning and Online Education in OMSCS And TCSG: Kanfer (Nature of adult learning), Harmon (Types of adult learners), Dede (Trends in adult learning), Shimandle (Adult learning at TCSG); 5 min presentations each + discussion	Chris Dede (Chair), Steve Harmon, Ruth Kanfer, Adie Shimandle
0:10	10:20 AM	10:30 AM	Break	
AI-ALOE Frameworks for Theory and Design - Michael Hoffmann (Chair)				
0:07	10:30 AM	10:37 AM	Micro, Meso, and Macro Learning	Sibley Lyndgaard
0:07	10:37 AM	10:44 AM	User-Engaged Design	Sanaz Ahmadzadeh Siyahrood
0:06	10:44 AM	10:50 AM	Discussion of Frameworks for Theory and Design	

Core Research: Performance Measurement and Evaluation - Scott Crossley (Chair)				
0:05	10:50 AM	10:55 AM	Core Research: Use-Inspired AI	Scott Crossley
0:07	10:55 AM	11:02 AM	Skill Learning: Modeling as a Skill (VERA)	Rahul Dass
0:07	11:02 AM	11:09 AM	Skill Learning: Understanding and Explaining Skills (Ivy)	Rochan Madhusudana (virtual)
0:06	11:09 AM	11:15 AM	Discussion of Enhancing Skill Learning	
0:07	11:15 AM	11:22 AM	Fostering Understanding and Knowledge Acquisition (SMART)	Jinho Kim
0:07	11:22 AM	11:29 AM	Foster Understanding and Knowledge Acquisition (ITELL)	Joon Choi (virtual)
0:06	11:29 AM	11:35 AM	Discussion on Foster Understanding	
0:07	11:35 AM	11:42 AM	Enhancing Self-Efficacy through Teaching Presence (Jill Watson)	Sandeep Kakar
0:07	11:42 AM	11:49 AM	Enhancing Self-Efficacy through Social Presence (SAMI)	Rhea Basappa (virtual)
0:06	11:49 AM	11:55 AM	Discussion of Enhancing Self-Efficacy	
0:15	11:55 AM	12:10 PM	Open Discussion	
1:00	12:10 PM	1:10 PM	Lunch + Posters	
Core Research: Data Infrastructure - Alex Endert (Chair)				
0:07	1:10 PM	1:17 PM	A4L Data Architecture for Learning	Ploy Thajchayapong
0:05	1:17 PM	1:22 PM	Meso-Learning using A4L	Kohler Fryer (virtual)
0:03	1:22 PM	1:27 PM	Discussion of A4L and Meso-Learning	
0:07	1:27 AM	1:34 PM	Data Visualization in LLMs	Grace Guo & Adam Coscia (virtual)
0:03	1:34 PM	1:37 PM	Discussion of Data Visualization	
0:10	1:37 PM	1:45 PM	Open Discussion	
Core Research: Foundational AI - Chris MacLellan (Chair)				
0:07	1:50 PM	1:57 PM	Teachable AI	Glen Smith
0:07	1:57 PM	2:04 PM	Machine Teaching	Karan Taneja
0:06	2:04 PM	2:10 PM	Discussion of Teachable AI and Machine Teaching	

0:07	2:10 PM	2:17 PM	Self-Theory of Mind and Self-Explanation	Shalini Sushri
0:07	2:17 PM	2:24 PM	Mutual Theory of Mind	Chelsea Wang (virtual)
0:06	2:24 PM	2:30 PM	Discussion of Self - and Mutual Theory of Mind	
0:10	2:30 PM	2:40 PM	Open Discussion	
0:10	2:40 PM	2:50 PM	Break	
0:35	2:50 PM	3:25 PM	PANEL on Personalization: Crossley, Goel, Kim (Chair), MacLellan - 5 min presentations each + discussion	Min Kyu Kim (Chair), Scott Crossley (virtual), Ashok Goel, Chris MacLellan
0:45	3:25 PM	4:05 PM	PANEL on Strategic Impacts: Dede (6 mins - Nexus), Ou (Chair, 5 mins - Multidisciplinary Integration and Nurturing Talent), Beaudette (4 mins - Community Building), Hoffmann (5 mins - Multiorganization Synergy), and Dallas-Main (5 mins - Broadening Participation) + discussion	Chaohua Ou (Chair), Pascael Beaudette, Chris Dede, Michael Hoffmann, and Jacob Dallas-Main
0:10	4:05 PM	4:15 PM	Break	
Looking Ahead				
0:10	4:15 PM	4:25 PM	Plans for next year and beyond	Ashok Goel
0:05	4:25 PM	4:30 PM	Discussion on Looking Ahead	
0:30	4:30 PM	5:00 PM	Open Discussion	
0:01	5:00 PM		Thanks and Adjourn	Ashok Goel

Friday - June 21, 2024

0:30	8:30 AM	9:00 AM	Meeting with AI-ALOE Students In-Person - Jinho Kim, Sanaz Ahmadzadeh Siyahrood, Glen Smith Virtually - Adam Coscia, John Kos, Langdon Holmes, Shalini Sushri
1:30	9:00 AM	10:30 AM	Executive Session (Internal & External Evaluators)
0:15	10:30 AM	10:45 AM	Breaks
0:45	10:45 AM	11:30 AM	Executive Session (Internal & External Evaluators)
1:30	11:30 AM	1:00 PM	Discussion with Institute Leadership
4:00	1:00 PM	5:00 PM	Working Lunch & Report Writing by External Evaluators

Poster Session

Presenter	Poster Title
Tommaso Calo	Towards Generative AI Approaches for Creating Intelligent Tutor Interfaces
Suzanne Carbonaro & Blaine Helmick	Data Standards in Research: Critical building blocks to scaling your project and putting results into action
Rahul Dass	VERA: Inquiry-Based Learning
Alex Endert	iScore helps learning engineers evaluate LLMs
Alex Endert	KnowledgeVIS Visualizing what Language Models have Learned
Sandeep Kakar	Jill Watson: Empowering Learners and Teachers with Virtual Teaching Assistants
Sandeep Kakar	SAMI: Social-Agent-Mediated Interaction in Online Learning
John Kos	VERA: Using Learning Analytics to Determine Wheel Spinning in Open Domain Learning Environments
Cherie Lum	Ivy: Foundations and Architecture
Sibley Lyndgaard	Micro-, Meso-, and Macro-Level Adult Learning in AI-ALOE
iTELL Team	Enhancing Understanding and Knowledge Acquisition through Interactive Reading in iTELL
Karan Taneja	Active Label Correction for Building LLM-based Modular AI Systems
Jennifer Reddig	HTN-Based Tutors: A New Intelligent Tutoring Framework Based on Hierarchical Task Networks
Sanaz Ahmadzadeh Siyahrood	User-Engaged Design for Human Well-Being
Shalini Sushri	Self-Explanation in AI Experimental Agent – Vera
Ploy Thajchayapong	Architecture For Learning (A4L)