AI-ALOE Annual Review

June 22, 2023

Coda Building, Atrium (9th Floor), Georgia Tech, or Virtual (https://gatech.zoom.us/j/95954796279)

Duration	Start	End	ACTIVITY	Presenter/Speaker
0:05	8:30 AM	8:35 AM	Welcome	**Ashok Goel**
0:05	8:35 AM	8:40 AM	NSF Introductions	**Dr. Abi Ilumoka (NSF)**
Strategic Overview & Plan (8:40 AM - 9:30 AM)				
0:35	8:40 AM	9:15 AM	AI-ALOE Vision; Issue-Hypothesis Tree as an Integrative Framework for AI-ALOE Research	**Ashok Goel**
0:15	9:15	9:30	Discussion	
Infrastructure (9:30 AM - 10:00 AM)				
0:10	9:30 AM	9:40 AM	A4L Architecture – Design concept and personalization by teachers and learners visualization	**Vrinda Nandan**
0:10	9:40 AM	9: 50 AM	A4L Architecture – Data analytics and personalization in AI assistants	**Harsh Sikka**
0:10	9:50	10:00	Discussion	
Institute Management (10:00 AM - 10:25 AM)				
0:15	10:00 AM	10:15 AM	Organization and Operations	**Chaohua Ou**
0:10	10:15 AM	10:25 AM	DISCUSSION	
0:15	**10:25 AM**	**10:40 AM**	**BREAK**	
Performance Criteria & Evaluation and Assessment (10:40 AM - 11:00 AM)				
0:12	10:40 AM	10:52 AM	Criteria for Evaluation and Assessment of AI-ALOE Research	**Ashok Goel**
0:08	10:52 AM	11:00 AM	DISCUSSION	
Research Overview & Overall Evaluations (11:00 AM : 12:18 PM)				
	11:00 AM	**12:18 PM**	**Use-Inspired AI**	
0:07	11:00 AM	11:07 AM	Adult Learning	**Sibley Lyndgaard**
0:07	11:07 AM	11:14 AM	Skill Learning	**Adit Gupta**
0:07	11:14 AM	11:21 AM	Concept Learning	**Yoojin Bae**
0:07	11:21 AM	11:28 AM	Model Learning	**John Kos**
0.10	**11:28 AM**	**11:38 AM**	**DISCUSSION**	
0:07	11:38AM	11:45 AM	Teaching Assistance	**Pratyusha Maiti**
0:07	11:45 AM	11:52 AM	Social Assistance	**Rhea Basappa**

0:07	11:52 AM	11:59 AM	Intelligent Textbooks	**Wesley Morris**
0:07	11:59 AM	12:06 PM	Responsible AI	**Sanaz Siyahrood**
0:15	**12:06 PM**	**12:21 PM**	**DISCUSSION**	
1:00	12:21 PM	1:21 PM	**LUNCH & POSTERS**	
	1:21 PM	**2:51 PM**	**Research Component Evaluations**	
	1:21 PM	1:31 PM	Foundational AI Overview	**Ashok Goel**
	1:31 PM	**2:18 PM**	**Human-AI Interaction**	
0:07	1:31 PM	1:38 PM	Teachable agents	**Lane Lawley**
0:07	1:38 PM	1:45 PM	Machine teaching	**Karan Taneja**
0:07	1:45 PM	1:52 PM	Self-explanation	**Helen Lu**
0:07	1:52 PM	1:59 PM	Visualization	**Grace Guo/Adam Coscia**
0.07	1:59 PM	2:06 PM	Mutual Theory of Mind	**Qiaosi Wang**
0:12	**2:06 PM**	**2:18 PM**	**DISCUSSION**	
	2:18 PM	**2:51 PM**	**Personalized Learning**	
0:07	2:18 PM	2:25 PM	Personalization in Skill Learning	**Glen Smith**
0:07	2:25 PM	2:32 PM	Personalization in Concept Learning	**Jinho Kim**
0:07	2:32 PM	2:39 PM	Personalization in Inquiry-Based Learning	**Kenneth Eaton**
0:12	**2:39 PM**	**2:51 PM**	**DISCUSSION**	
0:15	**2:51 PM**	**3:06 PM**	**BREAK**	
	3:06 PM	**3:51 PM**	**Strategic Impact**	
0:05	3:06 PM	3:11 PM	Impact Overview	**Myk Garn**
0:05	3:11 PM	3:16 PM	Education and Workforce Development	**Chaohua Ou**
0:05	3:16 PM	3:21 PM	Broadening participation	**Adie Shimandle**
0:05	3:21 PM	3:26 PM	Multi-organizational synergies/achievements	**Myk Garn**
0:05	3:26 PM	3:31 PM	Impact of the Institute as a nexus point for collaborative efforts	**Chris Dede**
0:10	3:31 PM	3:41 PM	DISCUSSION	
	3:43 PM	**4:36 PM**	**Plans for Next Year and Beyond**	
0:10	3:43 PM	3:53 PM	Adult Learning and Workforce Development	**Chris Dede & SteveHarmon**
0:20	3:53 PM	4:23 PM	Logic Model and Answers to NSF's Questions	**Ashok Goel**
0:15	**4:23 PM**	**4:38 PM**	**DISCUSSION**	
0.20	**4:38PM**	**4:58 PM**	**GENERAL DISCUSSION**	
0:02	**4:58PM**	**5:00 PM**	**Adjourn**	**Ashok Goel**