



# GIFT User Symposium 12 (GIFTSym12) Schedule 6-7 May 2024



<b>Day 1 – 6 May 2024; Central Florida Tech Grove (13:30 – 16:30)</b>				
<b>Time (Eastern)</b>	<b>Title</b>	<b>Paper</b>	<b>Theme</b>	<b>Author(s)/Presenter(s)</b>
13:30 – 13:45	Welcome	n/a	n/a	<b>Anne Sinatra/Benjamin Goldberg</b>
13:45 – 14:15	GIFT Architectural and Features Updates: 2024 Edition	1	New GIFT Features and Applications	<b>Benjamin Goldberg and Nicholas Roberts</b>
14:15 – 14:45	Integrating Mixed Reality, Physical Simulators, and Adaptive Learning: A Use Case Implementation	2	New GIFT Features and Applications	<b>Michael Cambata, Randall Spain, and Thomas Lenz</b>
14:45 – 15:15	Developing a Squad Competency Framework in STEEL-R	3	Competency Frameworks	<b>Michael King, Grace Teo, Jennifer Solberg, Gregory Goodwin, and Benjamin Goldberg</b>
<b>Break (15:15 – 15:30)</b>				
15:30 – 16:00	Multimodal Measures for the Integration of Metacognitive Teamwork Processes during Simulation-Based Training	4	Competency Frameworks	<b>Megan Wiedbusch, Ryan McMahan, Anne Sinatra, Benjamin Goldberg, Lisa Townsend, Joseph LaViola, and Roger Azevedo</b>
16:00 – 16:20	Overview of the Central Florida Tech Grove	n/a	Overview	<b>Tech Grove</b>
16:20 – 16:30	Discussion and Day 1 Wrap-up	n/a	Open	<b>GIFT Team</b>

**In-Person Event Location:** Central Florida Tech Grove, 12809 Science Drive, Orlando, FL 32826

Day 1 Microsoft Teams Link: [https://dod.teams.microsoft.us/l/meetup-join/19%3adod%3ameeting\\_45ebd9a737bc4e429c6ac1fba4ee9660%40thread.v2/0?context=%7b%22Title%22%3a%22fae6d70f-954b-4811-92b6-0530d6f84c43%22%2c%22Oid%22%3a%22c58c790-f754-4a95-b481-c181852500d5%22%7d](https://dod.teams.microsoft.us/l/meetup-join/19%3adod%3ameeting_45ebd9a737bc4e429c6ac1fba4ee9660%40thread.v2/0?context=%7b%22Title%22%3a%22fae6d70f-954b-4811-92b6-0530d6f84c43%22%2c%22Oid%22%3a%22c58c790-f754-4a95-b481-c181852500d5%22%7d)



# GIFT User Symposium 12 (GIFTSym12) Schedule

## 6-7 May 2024



### Day 2 – 7 May 2024; Central Florida Tech Grove (09:00 – 16:15)

Time (Eastern)	Title	Paper	Theme	Author(s)/Presenter(s)
09:00 – 09:15	Welcome	n/a	n/a	<b>Anne Sinatra/Benjamin Goldberg</b>
09:15 – 09:45	Leveraging TCAT for Advanced Team Communication Analysis and Performance Assessment in GIFT	5	Artificial Intelligence Applications	<b>Randall Spain</b> , Wookhee Min, Nicholas Roberts, Vikram Kumaran, and James Lester
09:45 – 10:15	Large Language Models and their Implications for Conversation Tutors and GIFT	6	Artificial Intelligence Applications	<b>Vasile Rus</b>
<b>Break (10:15 – 10:30)</b>				
10:30 – 11:00	<i>Virtual</i> : Enhancing Adaptive Learning in GIFT with AI-Powered Conversational Agents: Strategies, Challenges, and Opportunities	7	Artificial Intelligence Applications	<b>Adeel Ahmed</b> , Ali Husnain and Abdul Wahid Toor
11:00 – 11:30	Integrating Machine Learning Models and GIFT	8	Artificial Intelligence Applications	<b>Andy Smith</b> , Randall Spain, Nicholas Roberts, Benjamin Goldberg, Jonathan Rowe, Bradford Mott, and James Lester
<b>LUNCH BREAK (11:30 – 13:00)</b>				
13:00 – 13:30	<i>Virtual</i> : A Synthetic Training Environment Assessing Changes in Team Dynamics with Generalized Intelligent Framework for Tutoring	9	Applications of GIFT	<b>Scotty Craig</b> , Kevin Gary, Jamie Gorman, Vipin Verman, and Robert Likamwa
13:30 – 14:00	Enhancing Data Science Courses Pedagogy through GIFT-Enabled Adaptive Learning Pathways	10	Applications of GIFT	<b>Fadjimata Issoufou Anaroua</b> , Qing Li, and <b>Hong Liu</b>
14:00 – 14:30	STEEL-R in Multinational Joint Training Exercises (STEEL-Rx)	11	Experiential Learning and Exercises	Aaron Presnall, Biljana Presnall, and <b>Benjamin Goldberg</b>
<b>Break (14:30 – 15:00)</b>				
15:00 – 15:30	Automated Scenario Generation to Support Competency-Based Experiential Learning in GIFT	12	Experiential Learning and Exercises	<b>Andy Smith</b> , Randall Spain, Wookhee Min, Benjamin Goldberg, Anne Sinatra, Jonathan Rowe, Bradford Mott, and James Lester
15:30 – 16:00	Implementing a Longitudinal Performance Comparison Interface for Improved After Action Review in Experiential Learning	13	Experiential Learning and Exercises	<b>Caleb Vatrál</b> , Naveeduddin Mohammed, Nicholas Roberts, Benjamin Goldberg, and Gautam Biswas
16:00 – 16:15	Discussion and Day 2 Wrap-up	n/a	Open	GIFT Team

**In-Person Event Location:** Central Florida Tech Grove, 12809 Science Drive, Orlando, FL 32826

Day 2 Microsoft Teams Link: [https://dod.teams.microsoft.us/j/meetup-join/19%3adod%3ameeting\\_6c4676b18d7f46ceaaff6da1f111658a%40thread.v2/0?context=%7b%22Tid%22%3a%22fae6d70f-954b-4811-92b6-0530d6f84c43%22%2c%22Oid%22%3a%222c58c790-f754-4a95-b481-c181852500d5%22%7d](https://dod.teams.microsoft.us/j/meetup-join/19%3adod%3ameeting_6c4676b18d7f46ceaaff6da1f111658a%40thread.v2/0?context=%7b%22Tid%22%3a%22fae6d70f-954b-4811-92b6-0530d6f84c43%22%2c%22Oid%22%3a%222c58c790-f754-4a95-b481-c181852500d5%22%7d)