

Agenda

7:30am - 8:30am | Registration & Breakfast

8:30am - 9:00am

Welcome - Kishore Ramachandran; Director, CloudHub @ GT

**Introductory Remarks - Vivek Sarkar; Dean, College of Computing |
Julia Kubanek, VPIR | David Sherrill; Director, IDEaS**

9:00am - 10:00am

Keynote Talk - *TBD*

10:00am - 10:30am | Coffee Break

10:30am - 12:00am | Invited Talks Session 1 (10 mins each)

Session Chair TBD

- **Chao Zhang | An Agentic Multi-Modal Foundation Model for Accelerating Chemical Discovery**
- **Yunan Luo | Programmable Protein Design with Multi-Modal Generative AI Models**
- **Chen Peng | Generative AI for advanced Bayesian data assimilation in real-time flood prediction**
- **Anki Wu | Diffusion-Based Discovery of Semantic Latent Groups in Higher Visual Cortex**
- **Amirali Aghazadeh Mohandesi | Agentic AI in Pursuit of Life's Origins: Reassessing Histidine's Prebiotic Viability**
- **Neha Kumar | Social Audits of AI: Towards Participatory Impact Evaluations of AI-Based Systems**

12:00pm - 1:00pm | Lunch

1:00pm - 3:00pm | Past Project Success Stories (20 mins each)

Session Chair TBD

- **Yunan Luo | Designing New and Diverse Proteins with Generative AI**
- **Noura Howell | Applying Generative AI for STEM Education**
- **Neha Kumar | Towards Responsible Integration of Generative AI in Creative Game Development**
- **Abigale Stangl | Best Practices in Generative AI Used in the Creation of Accessible Alternative Formats for People with Disabilities**
- **Xing Zhou & Annalisa Bracco | Modeling the Dispersal and Connectivity of Marine Larvae with GenAI Agents**
- **Name | Project title**

3:00pm - 3:30pm | Coffee Break

3:30pm - 4:30pm | Panel

Panel Coordinators: Alexey Tumanov & Anand Padmanabha Iyer

Panel topic: TBD

4:30pm - 6:00pm | Poster Session & Reception