June 26, 2025

8:30 AM - 9:00 AM: Registration & Breakfast Networking
+ *Check-in, coffee, and light breakfast*

9:00 AM – 9:30 AM: Opening Remarks
+ Speakers: President (USD), Vice-President (Academic Affairs), Vice-President (Office of Research), Dean (College of Arts & Sciences), and Chair (Department of Computer Science)

9:30 AM - 10:30 AM: Keynote Address
+ Title: *NIST GenAI: Text-to-Text Evaluation*
+ Speaker: Dr. George Awad, Computer Scientist/Project Leader, *National Institute of Standards and Technology (NIST)*

10:30 AM - 10:45 AM: Break / Networking

10:45 AM - 11:30 AM: Blitz Talk
+ Title: AI: Now and Zen
+ Speaker: Dr. Pete Doucette, Director, EROS Center

11:30 AM - 12:15 PM: Workshop
+ Speakers:
    - Joseph J Schueder, Senior Technical Fellow, Collins Aerospace
    - Joseph Engler, Chief AI Scientist, Collins Aerospace
    - Chris Reuter, Sr. Principal AI Engineer, Collins Aerospace

12:15 PM - 2:00 PM: Lunch (Buffet + Networking Lounge)

2:00 PM – 2:45 PM: Workshop
+ Title: AI in the Workplace: Productivity & Creativity – Navigating the New Era of Work with Artificial Intelligence
+ Speaker: Gopi Challagolla, Software Engineer, Microsoft

2:45 PM - 4:00 PM: Panel: AI and Workforce Development in South Dakota
+ Panelists: Kinchel C. Doerner (SD EPSCoR), Carson Merkwan (Direct Companies), Joseph Engler (Collins Aerospace), Eric Freer (Sterling), Dan Klosterman (Edge Team), Rajesh Kavasseri (SDSU), David Zeng (DSU)
+ Moderator: Jose Lira (Vermillion Unplugged)

4:00 PM - 5:00 PM: Evening Reception
+ Light hors d'oeuvres, social hour, and sponsor booths

June 27, 2025

8:30 AM - 9:00 AM: Registration & Breakfast Networking
+ *Check-in, coffee, and light breakfast*

9:00 AM – 9:30 AM: Opening Remarks
+ Welcome session with Senator Round's Office, USD and SDBCC leadership, and SDBCC program overview

9:30 AM - 10:30 AM: Keynote Address
+ Title: Computational Systems Modeling of Host Immune Response to Pathogen Infection and Vaccines
+ Speaker: Dr. Douglas Lauffenburger, Full Professor and Founding Chair of Dept of Biological Engineering at MIT

10:30 AM - 10:45 AM: Break / Networking

10:45 AM - 11:15 AM: Blitz Talk I
+ Title: AI methods to uncover cell identity genes
+ Speaker: Dr. Kaifu Chen, Associate Professor at Harvard Med School/Boston Children's Hospital

11:15 AM - 11:45 AM: Blitz Talk II
+ Title: Accelerated and AI-Boosted Molecular Simulations and Drug Discovery
+ Speaker: Dr. Yinglong Miao, Associate Professor at University of North Carolina Chapel Hill

11:45 AM - 12:15 PM: Blitz Talk III
+ Talk title: TRECVID: Video Understanding Evaluation at NIST
+ Speaker: Dr. George Awad, Computer Scientist/Project Leader, National Institute of Standards and Technology (NIST)

12:15 PM - 2:00 PM: Roundtable Lunch Discussion with Speakers

2:00 PM - 4:00 PM: Biomedical Computation and AI Panel Discussion (Biotech, Healthcare, Academia)
+ Panelists: Kara McCormick (SD BioTech), Sujit Sakpal (Avera), KC Santosh (USD/SDBCC), William Chen (USD/SDBCC), Jeffrey S McGough (SDSMT/SDBCC), Gregory Bertsch (University of South Dakota)
+ Moderator: Jose Lira (Vermillion Unplugged)