Dr. D'Mello will discuss the vision for the newly established NSF National AI Institute for Student-AI Teaming. This institute brings together a geographically distributed team of researchers from nine Universities with partners from academia, K-12 school districts, and industry to address the central challenge of how to promote deep conceptual learning via rich socio-collaborative learning experiences for all students. To meet this challenge, the Institute is reframing the role of AI in education, moving towards a future where AI is viewed as a social, collaborative partner that will help students work and learn more effectively, engagingly, and equitably, while helping educators focus on what they do best: inspiring and teaching students.

Dr. Sidney D'Mello is the principal investigator of the AI Institute for Student-AI Teaming, which is one of the inaugural NSF National Artificial Intelligence (AI) Research Institutes. He is also an Associate Professor in the Institute of Cognitive Science and Department of Computer Science at the University of Colorado Boulder.