CALL FOR PARTICIPATION
National Science Foundation (NSF) Sponsored Workshop

Synthesis and Design Workshop on
Digitally-Mediated Team Learning
March 31 – April 2, 2019     Orlando, FL

Important Dates
- December 15, 2018: Early Stipend Consideration - Position Abstract and Expertise Profile submission for early consideration of a travel stipend.
- January 31, 2019: Stipend Request Deadline - Position Abstract and Expertise Profile submission deadline to receive consideration for a travel stipend.
- February 15, 2019: Non-Stipend and Poster Commitment Deadline - Expertise Profile submission deadline for those who are not requesting a travel stipend. Poster presentation request deadline.

Overview
This workshop aims to identify and prioritize research directions by examining existing and next-generation approaches to DMTL for selected foci within research on computer-supported collaborative learning. During the two-and-a-half day workshop, participants will be afforded opportunities to participate in a poster session, keynote, panel session, technical breakout sessions, and action committees. Workshop participants contribute to a White Paper defining 1/3/5+ year research plans requested by NSF.

Participation & Track Organization
This workshop is open to all researchers, educators, and industry developers advancing transformative pedagogical approaches for technology-enhanced team learning within STEM disciplines. In addition to the common activities, the workshop will operate four concurrent tracks:

1) Facilitating Team Learning in Real-time via Online Technologies:
- Online instructional environments for engaging, observing, and assessing collaborative learning
- IDT for STEM design and problem-solving teams in-situ
- Student-Facing and Instructor-Facing support

2) Collaborative Learning via Analytics:
- Data-mining of assessments for automated optimization of team composition
- Collecting and leveraging of real-time observations of participation and dynamically identifying learners’ needs
- Back-end reporting of learning outcomes

3) Supporting Digital Teams using Active Pedagogical Strategies:
- Underpinning team activity in STEM classroom settings via cognitive science
- Exploring andragogical and pedagogical methods and strategies
- Intrinsic/Extrinsic Incentivization leading to actionable lesson plans.

4) Empowering Equitable Participation in DMTL
- Fostering collaborative digital learning approaches that broaden participation among underserved/underrepresented populations
- Investigating the role of Socially-Agnostic participation in team learning environments

Keynotes & Activities

Keynote Speakers
Dr. Carolyn Penstein Rose
Professor, Language Technologies Institute & HCl Institute
Carnegie Mellon University

Dr. Christopher Dede
Timothy E. Wirth Professor in Learning Technologies
Harvard University

Workshop Activities
- Poster Session
- Tools Showcase
- Keynote Addresses
- Panel Sessions
- Parallel Technical Breakout Sessions
- Action Committees

Workshop Website: http://digital-learning-teams.com