

Wednesday Aug 17 (Day 1)

Golisano Hall/GCI 70-2780

9:30 - 10:00 a.m.

Breakfast

10:00 - 11:30 a.m.

Session I

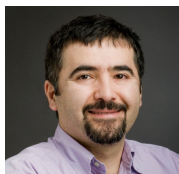


Orientation by NRT Director

Dr. Cecilia Alm, PI and AWARE-AI Director

11:30 - 12:00 p.m.

Session II



Internships overview and completion of internships form (bring CV and cover letter)

Dr. Ferat Sahin, Co-PI

12:00 - 1:00 p.m.

Lunch break

1:00 - 2:00 p.m.

NRT faculty's lab overview + lab resources talks

2:00 - 2:30 p.m.

Session III



Lab rotations overview and completion of lab rotations form

Dr. Reynold Bailey, Co-PI

2022 AWARE-AI ONBOARDING

awareainrt@rit.edu



RIT

AWARE-AI NSF Research Traineeship Program

2:30 - 4:00 p.m.

Research to Mentoring Bridge: AI Software



Dr. Bailey



Dr. Diaz



Dr. Alm



Dr. Ororbia

Transit to **Student Innovation Hall 087-1600** for break and plenary talk

4:00 - 5:00 p.m.

Networking coffee break

5:00 p.m.

Plenary Talk

*From Autonomy to Synergy: Envisioning
Next Generation Human-AI Partnerships*

Dr. Sidney D'Mello

NSF AI Institute PI

University of Colorado Boulder



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From Autonomy to Synergy: Envisioning Next Generation Human-AI Partnerships

Wednesday August 17
at 5:00 p.m. ET
in Student Innovation
Hall 087-1600

Sidney K. D'Mello
University of Colorado Boulder
Boulder, Colorado, USA
sidney.dmello@colorado.edu
[Registration link for remote attendees](#)



ABSTRACT: I'll describe a vision for AI, beyond a cold, autonomous agent working *for* humans to a socio-technical synergistic partnership *with* humans. I'll highlight these ideas in the context of the NSF National AI Institute for Student AI Teaming (www.isat.ai), which brings together a geographically distributed team of researchers with K-12 partners to reframe the role of AI in education, moving from a facilitator of personalized one-on-one learning, to a social, collaborative partner which helps students and teachers work and learn more effectively, engagingly, and equitably. The talk will highlight insights and technologies at the intersection of the Institute's three research strands: (1) foundational AI to understand and facilitate conversations; (2) orchestrating classroom interactions with AI; and (3) broadening participation with curriculum co-design. I'll contextualize the research within our commitment to responsible innovation and polycultural approaches for developing ethical AI technologies.

BIO: [Sidney D'Mello](#) (PhD in Computer Science) is a Professor in the Institute of Cognitive Science and Department of Computer Science at the University of Colorado Boulder. He is interested in the dynamic interplay between cognition and emotion while individuals and groups engage in complex real-world activities. He applies insights gleaned from this basic research program to develop intelligent technologies that help people achieve to their fullest potential by coordinating what they think and feel with what they know and do. D'Mello has co-edited seven books and has published more than 300 journal papers, book chapters, and conference proceedings. His research has received 16 awards at international conferences and has been funded by numerous grants. D'Mello serves(d) as Associate Editor and on the Editorial Boards of 11 journals. He leads the [NSF National Institute for Student-Agent Teaming](#) (2020-2025), which aims to develop AI technologies to facilitate rich socio-collaborative learning experiences for all students.



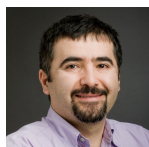
Thursday Aug 18 (Day 2)

Golisano Hall/GCI 70-2780

9:00 - 9:30 a.m. Pre-meeting session by Shinohara and Bailey:
MSI visits and completion of visit form (bring CV)
Participants: Justin, Arianna, Matthew, Margaret

9:30 - 10:15 a.m. [Breakfast](#)

10:15 - 11:00 a.m. Research to Mentoring Bridge: AI Hardware



Dr. Sahin



Dr. Yang

Session IV

11:00 - 12:00 p.m.

*Workshop on professional communication:
Setting Up LinkedIn, Google Scholar, and
considerations for your professional website*

Dr. Reynold Bailey, Co-PI

12:00 - 1:00 p.m.

[Lunch break](#)

1:00 - 2:30 p.m.

Research to Mentoring Bridge HCI for AI



Dr. Shinohara



Dr. Huenerfauth



Dr. Tigwell



Dr. Peiris

Session V

2:30 - 3:00 p.m.

Seed funding overview

Drs. Cecilia Alm and Matt Huenerfauth,
NRT Faculty Team

3:00 - 3:30 p.m.

[Coffee mingle and networking](#)

Session VI

3:30 - 4:15 p.m.

Evaluator's pre-survey

AWARE-AI NRT Director

4:15 - 5:30 p.m.

NRT Trainees' breakout groups
by research tracks for planning and
final research plan/lightning talk preparations

Links:

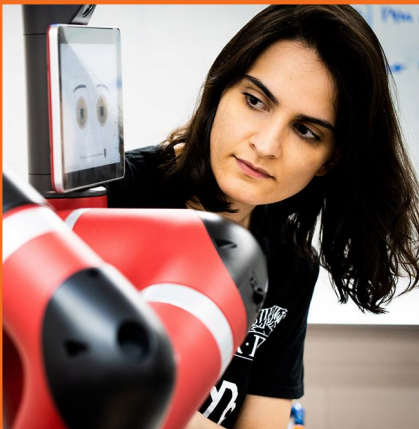
AWARE-AI Twitter <https://twitter.com/AWAREAINRT>

AWARE-AI Instagram https://www.instagram.com/rit_awareai

Lab rotations form <https://forms.gle/9zNW06gPRcwqSR0C8>

Internship form <https://forms.gle/V2biDMp5Q2JPnX5K9>

MSI form <https://forms.gle/vq3vnwjyw2eRDdHs8>



Friday Aug 19 (Day 3)

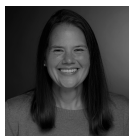
Golisano Hall/GCI 70-2730

9:30 - 10:00 a.m.

Breakfast

10:00 - 11:00 a.m.

Session VII



Conflict resolution in research teams

Joe Johnston/Ashley Meyer, Ombuds Office

11:00 - 11:45 a.m.

Research to Mentoring Bridge: Cognitive Models for AI



Dr. Rantanen



Dr. Heard

11:45 - 12:15 p.m.

Session VIII



AI Lecture: Learning Neurobiologically-motivated Generative Models without Backpropagation of Errors

Alexander Orobia, NRT Affiliate

12:15 - 1:00 p.m.

Lunch break

1:00 - 2:30 p.m.

Session IX

NRT Trainees: Research plan talks
(15 min + 5 min Q&A):



T1: Arianna Giguere



T2: Justin Namba



T3: Matthew Seita



T4: Margaret Gray

2:30 - 3:00 p.m.

Coffee mingle and networking

3:00 - 4:30 p.m.

Session X

Incoming NRT Trainees: Lightning talks
(5 min each + Q&A)

*Abhijan Wasti, Hitesh Vaidya, Matt Altobelli,
Michael Peechatt, Naveen Kudli Balaji,
Sarthak Arora, Saurav Singh, Viet Dung
Nguyen, Wenhao Yang, Will Gebhardt*

4:30 - 5:00 p.m.

Concluding remarks by Dr. Cecilia Alm