Welcome! Please introduce yourself in the chat:

- Name, Role, Institution/Organization

This work was supported by the National Science Foundation under grant number #2040753 and #2021159. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the authors and do not necessarily reflect the views of the NSF.
iSAT unites researchers from 9 universities with partners from academia, K-12, and industry

iSAT University Partners

1. Colorado State University
2. University of Colorado Boulder
3. University of California Santa Cruz
4. University of California Berkeley
5. Brandeis University
6. Worcester Polytechnic Institute
7. Arizona State University
8. University of Urbana Champaign
9. University of Wisconsin-Madison
iSAT researchers design and build AI tools as social, collaborative partners that help both students and teachers work and learn more effectively, engagingly, and equitably.

www.isat.ai
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“CoBi” - The Community Builder AI Partner

● Supports Relationship Building

● Monitors Student Discourse During Group Work

● Displays Feedback on Community Agreements or Class Norms (respect, community, thinking, equity)

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Establishing Our Community Agreements

- BEING COMMITTED TO COMMUNITY
  - Be dependable
  - Contribute equally
  - Show that you care

- BEING RESPECTFUL
  - Don’t put group members or anyone down with words
  - Check to make sure everyone is ready to move on
  - Giving everyone time to think

MOVING OUR THINKING FORWARD

- Stay on topic
- Think outside the box
- Give everyone a chance to think

MOVING EQUITABLE

- Let people say what they need
- Teach not telling
- Making sure everyone learns the same page

Revisit Our Community Agreements
“CoBi” - The Community Builder AI Partner
“CoBi” - Under the Hood

- Respect (“Here, I can help you”)
- Community (“We did these right”)
- Thinking (“Is there something that we missed?”)
“CoBi” - Under the Hood

Respect ("Here, I can help you")

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Speech to Text transcription
“CoBi” - Under the Hood

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Computational Models

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Computational Models
P(R) P(C) P(T)
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Computational Models

Speech to Text transcription

Aggregation & Inference

We’re gonna put this in here. (ASR confidence = 0.69)
measurement type we did uh so right there you want press press press we didn't uh delete (ASR confidence = 0.56)
you have button a press, so you just press the button. (ASR confidence = 0.52)
with the edit image. Let’s make sure that your gain the on start to make a little room. (ASR confidence = 0.51)
want to… Oh, like humidity. (ASR confidence = 0.56)
to duplicate (ASR confidence = 0.57)
Discussion

What has been your experience with technology-supported student collaborations?

In what area(s) of teaching/instruction can you envision an AI partner supporting you and/or your students?

What should an AI Partner have or be able to do so that you and your students could trust its support or interactions? What should be off limits?

How can developers/researchers ensure that an AI partner augments and not disrupts teacher autonomy?
Summer Discussion Series

Upcoming Sessions
July 27th: Equitable and Ethical Practices and Interactions
August 2nd: Social Robotics
August 15th: Learning and Productivity

Everyone is welcome! You do NOT need to apply for or attend the convening to participate!

Learn more and register.
August 1st, 2-3PM ET or August 3rd, 1-2PM ET: Informational Session 2 -- What to expect at the CIRCLS ‘23 Convening
Thank you

&

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