

We welcome and invite you to participate in the ICCV 2023 Challenge and Workshop on “Artificial Social Intelligence” which will be held on October 2, 2023 in Paris at ICCV.

Event: Challenge and Workshop Artificial Social Intelligence

Location: Co-located with ICCV 2023, Paris Convention Center

Date: 2 October 2023

Paper Submission Deadline: 21 July 2023

Workshop Website: <https://sites.google.com/view/asi-iccv-2023>

Social-IQ Challenge Website: <https://cmu-multicomp-lab.github.io/social-iq-2.0/>

Workshop Overview: Artificial Social Intelligence

As social agents, humans have *social intelligence* that enables them to engage with others through complex signals such as facial expressions, body motion, and speech, among other communication modalities. Given the monumental utility of social intelligence in the daily lives of humans, there has been an emerging interest in building social intelligence in AI systems. We welcome researchers across disciplines (computer vision, NLP, robotics, neuroscience, etc) to join our workshop and discuss the science of social intelligence, as well as underlying technical challenges, goals, and ethics of building social intelligence in real-world AI systems. Our workshop will include keynote talks, panel discussions, and paper presentations.

A new Social-IQ Challenge

Our workshop will host the Social-IQ challenge from CMU’s MultiComp Lab on multimodal Question-Answering for socially-intelligent video understanding. Our Social-IQ benchmark contains over 1,000 videos, over 6,000 questions, and over 24,000 answers. There are \$1,200 in total prizes for challenge participants. In order to encourage diverse, innovative approaches addressing the Social-IQ 2.0 challenge, we welcome submissions under one of the following three focuses:

- *few-shot focus*: composing pre-trained models in a zero- or few-shot way
- *fusion and reasoning focus*: learning to fuse and integrate information from multimodal features
- *representation learning focus*: Learning new multimodal representations directly from raw data

Additional details regarding challenge participation can be found on our challenge website:

<https://cmu-multicomp-lab.github.io/social-iq-2.0/>

Call for Papers and Participation

There will be 2 paper tracks for this workshop, both included in ICCV proceedings :

- Social-IQ Challenge track: where participants of the Social-IQ challenge summarize their findings and approach.
- Workshop track: for all researchers interested in topics related to artificial social intelligence, with no need to use the Social-IQ dataset

General workshop papers can be focused on any topics related to artificial social intelligence, including (but not limited to) the following areas:

- Social signal processing (e.g., turn-taking prediction)
- Social behavior, emotion, pose, and/or trajectory prediction by virtual and embodied agents
- Social behavior and emotion generation in virtual and embodied agents

- Applications of artificial social intelligence

Important Dates

- Paper submission deadline: 21 July 2023
- Notification of acceptance: 4 August 2023
- Camera-ready deadline: 11 August 2023
- Workshop day: 2 October 2023

Organizing Committee

- Evonne Ng, UC Berkeley
- Alex Wilf, Carnegie Mellon University
- Leena Mathur, Carnegie Mellon University
- Paul Pu Liang, Carnegie Mellon University
- Trevor Darrell, UC Berkeley
- Hanbyul Joo, Seoul National University
- Angjoo Kanazawa, UC Berkeley
- Hyun Soo Park, University of Minnesota
- Shiry Ginosar, UC Berkeley
- Justine Cassell, Carnegie Mellon University, Inria Paris
- Louis-Philippe Morency, Carnegie Mellon University

Contact

If you have any questions about the workshop, please email Alex Wilf (awilf@cs.cmu.edu), Leena Mathur (lmathur@cs.cmu.edu), or Evonne Ng (evonne_ng@berkeley.edu)