

Mellichamp Initiative in Mind & Machine Intelligence Summit

AI and Human Creativity

UC Santa Barbara | April 18-19, 2024

April 18, 2024

Location: Henley Hall 1010

8:00am *Breakfast Mixer in Henley Hall lobby*

8:30am **Welcome and Opening Remarks**
David Marshall, Executive Vice Chancellor
Miguel Eckstein, Director

Session 1: Creative Dialogues: AI, Artists, and Architects in Conversation

Moderator: Andrew Watts

9:00am **“Not Not Collaborating with Machines”**
Maria Yablonina, University of Toronto

9:30am **“Virtual Voices”**
Davor Vincze, Hong Kong Baptist University

10:00am **“13 Ways of Looking at AI, Art, and Music”**
Jennifer Walshe, University of Oxford (virtual)

10:30am **Session 1 Panel Discussion**
Maria Yablonina, Davor Vincze, Jennifer Walshe

11:00am *Break*

Session 2: How AI Alters What We Say and See

Moderator: Sowon Park

11:30am **“Creative Writing with an AI-Powered Writing Assistant: Perspectives from Professional Writers”**
Daphne Ippolito, Carnegie Mellon University

12:00pm **“The Visible and the Sayable. On Generative AI, Images, and Words”** Antonio Somaini, Université Sorbonne Nouvelle

12:30pm **Session 2 Panel Discussion**
Daphne Ippolito, Antonio Somaini

1:00pm *Break: Lunch served in Henley Hall lobby/courtyard*

Session 3: Understanding Human Creativity

Moderator: Jonathan Schooler

2:30pm **“Creativity in Music: Evolution or Revolution?”**
Daniel Levitin, McGill University

3:00pm **“Action Potentials and Assessing Potential: A Brief Tour of the Neuroscience of Creativity and New Avenues for AI Modeling of Creativity in College Admissions”**
Adam Green, Georgetown University

3:30pm **Session 3 Panel Discussion**
Daniel Levitin, Adam Green

Keynote Lecture

4:00pm **“Art in the Age of AI”**
Ahmed Elgammal, Rutgers University

April 19, 2024

Location: Henley Hall 1010

8:30am *Breakfast Mixer in Henley Hall Lobby*

Session 1: New Ideas of Creativity and Culture

Moderator: Alan Liu

9:00am **“New from Template: ‘Creativity in the Age of AI’”**
Rita Raley, UC Santa Barbara

9:30am **"AI, Creativity, and Access"**
Lai-Tze Fan, University of Waterloo

10:00am **“Machine Visual Culture”**
Fabian Offert, UC Santa Barbara

10:30am **Session 1 Panel Discussion**
Rita Raley, Lai-Tze Fan, Fabian Offert

11:00am *Break*

Session 2: Security and Law in a World of GPT and Generative AI

Moderator: Miguel Eckstein

11:30am **"Understanding and Harnessing Reinforcement Learning for Security Purposes"**
Wenbo Guo, UC Santa Barbara

12:00pm **"How Copyright Law Conceptualizes Creative Expression"**
Pamela Samuelson, UC Berkeley (virtual)

12:45pm **Session 2 Panel Discussion**
Wenbo Guo, Pamela Samuelson

1:15pm *Break: Lunch served in Henley Hall lobby/courtyard*

3:30pm **Breakout sessions** (*by invitation only*)

4:30pm **Progress report from breakout sessions & discussion** (*by invitation only*)

5:00pm **Closing remarks and adjourn**