

Agenda

Virtual Fall 2021 Member Meeting
October 19, 2021, Day One

1:00 PM ET

Introduction

1:30 PM ET

Channel 1

● **Affective Computing**

Speaker: Rosalind Picard

Advancing human wellbeing by developing new ways to communicate, understand, and respond to emotion

Channel 2

● **Molecular Machines**

Speaker: Joseph Jacobson

Engineering at the limits of complexity with molecular-scale parts

2:00 PM ET

● **Tangible Media**

Speaker: Hiroshi Ishii

Seamlessly coupling the worlds of bits and atoms by giving dynamic physical form to digital information and computation

● **Social Machines**

Speaker: Deb Roy

Promoting deeper learning and understanding in human networks

2:30 PM ET

● **Viral Communications**

Speaker: Andrew Lippman

Creating scalable technologies that evolve with user inventiveness

● **Nano-Cybernetic Biotrek**

Speaker: Deblina Sarkar

Inventing disruptive technologies for nanoelectronic devices and creating new paradigms for life-machine symbiosis

3:00 PM ET

Break ☕

3:10 PM ET

Workshops

3:55 PM ET

Break 🎨

4:05 PM ET

Harman and Media Lab Member Collaboration Presentation

Intermission

7:00 PM ET

Welcome

7:05PM ET

Channel 1

● **Human Dynamics**

Speaker: Sandy Pentland

Exploring how social networks can influence our lives in business, health, governance, and technology adoption and diffusion

Channel 2

● **Signal Kinetics**

Speaker: Fadel Adib

Inventing, building, and deploying wireless sensor technologies to address complex problems in society, industry, and ecology

7:35 PM ET

● **Space Exploration Initiative**

Speaker: Ariel Ekblaw

● **Community Bio Initiative**

Speaker: David Kong

8:05 PM ET

● **Opera of the Future**

Speaker: Tod Machover

Extending expression, learning, and health through innovations in musical composition, performance, and participation

● **Personal Robots**

Speaker: Cynthia Breazeal

Building intelligent personified technologies that collaborate with people to help them learn, thrive, and flourish.

8:35 PM ET

Conclusion of Day One

Agenda

Virtual Fall 2021 Member Meeting
October 20, 2021, Day Two

1:00 PM ET

Introduction

1:10 PM ET

Channel 1

- **City Science**
Speaker: Kent Larson
Looking beyond smart cities

Channel 2

- **Lifelong Kindergarten**
Speaker: Mitchell Resnick
Engaging people in creative learning experiences

1:40 PM ET

- **Sculpting Evolution**
Speaker: Kevin Esvelt
Cultivating wisdom through evolutionary and ecological engineering

- **Space Enabled**
Speaker: Danielle Wood
Advancing justice in Earth's complex systems using designs enabled by space

2:10 PM ET

- **Digital Currency Initiative**
Speaker: Neha Narula

- **Responsive Environments**
Speaker: Joseph Paradiso
Augmenting and mediating human experience, interaction, and perception with sensor networks

2:40 PM ET

Break ☕

2:50 PM ET

Workshops

3:35 PM ET

Break 🎉

3:45 PM ET

E14 Fund Spin-Off Presentation

Intermission

7:00 PM ET

Welcome

7:05PM ET

Channel 1

- **Conformable Decoders**
Speaker: Canan Dagdeviren
Converting the patterns of nature and the human body into beneficial signals and energy

Channel 2

- **Camera Culture**
Speaker: Ramesh Raskar
Making the invisible visible—inside our bodies, around us, and beyond—for health, work, and connection

7:35 PM ET

- **Fluid Interfaces**
Speaker: Pattie Maes
Designing systems for cognitive support

- **Poetic Justice**
Speaker: Ekene Ijeoma
Exploring new forms of social justice through art

8:05 PM ET

- **Future Sketches**
Speaker: Zach Lieberman
Exploring the essence of code as a creative medium

- **Biomechatronics**
Speaker: Hugh Herr
Enhancing human physical capability

8:35 PM ET

Conclusion of Day Two