Frontiers In Science, Technology, and the Arts
Feb. 26, 2019 | 1 – 5 PM
Co-sponsored by MIT.nano and the MIT Center for Art, Science, and Technology
Wong Auditorium, Tang Center, Building E51 (map)

1 PM  Welcome
Leila Kinney  
Executive Director  
Arts Initiatives and MIT Center for Art, Science & Technology (CAST)

1 - 2 PM  Frontiers: Computing and Art
- Introduction: Fox Harrell  
  Professor of Digital Media & Artificial Intelligence  
  MIT Comparative Media Studies, Computer Science & Artificial Intelligence Laboratory (CSAIL)
- Social transformation through data-informed art:  
  Ekene Ijeoma, Asst. Professor, MIT Media Lab
- Data Rituals: Visualizing Information as part of everyday life:  
  Jia Zhang, Assoc. Research Scholar, Columbia University
- Roundtable

2 - 3 PM  Innovation and Entrepreneurship in Art and Design
- Introduction: Gilad Rosenzweig  
  Executive Director, MIT DesignX
- Sosolimited: Creating sensory spaces through design and technology:  
  Eric Gunther, Creative Director, Sosolimited
- Self-assembling and programmable materials:  
  Skylar Tibbits, Assistant Professor of Design Research, MIT Architecture
- How to generate (almost) anything:  
  Pinar Yanardag, Founder and CEO, AI Fiction
- Roundtable

3 - 4 PM  Frontiers: New Materials and Art
- Introduction: W. Craig Carter  
  POSCO Professor of Materials Science and Engineering  
  MIT Department of Materials Science and Engineering (DMSE)
- Nanobama: reflections on a chain reaction of science, art, and popular interest:  
  John Hart, Assoc. Professor, MIT Mechanical Engineering (MECHE)
- Colorful bio-inspired materials:  
  Mathias Kolle, Asst. Professor, MIT Mechanical Engineering (MECHE)
- Roundtable

4 - 5 PM  Collaborations in Art, Science, and Technology at MIT
- Introduction: Philip Khoury  
  Associate Provost and Ford International Professor of History
- **The Nexus of Materialized Sound and Sonified Material:**
  Markus Buehler, McAfee Professor of Engineering, MIT Civil and Environmental Engineering

- **Computation for the Interstices:**
  Sarah Schwetmann, PhD candidate, MIT Brain and Cognitive Sciences

- **Turbulence in Porous Media:**
  Matthew Ritchie, Dasha Zhukova Distinguished Visiting Artist, CAST

- **Roundtable**

**Closing**

Vladimir Bulović
Founding Faculty Director, MIT.nano
Fariborz Maseeh (1990) Chair in Emerging Technology

**Keynote and Reception 6–8 PM**

6 – 7 PM  **Olafur Eliasson Lecture** ([event page](#))

***NOTE: This talk is sold out. [Learn about how to watch a live webcast](#).***

Followed by a hot-cocoa outdoor reception at MIT.nano ([map](#)) to view Mr. Eliasson’s installation, **Northwest Passage**