

# Society of Fellows Weekend Seminar

October 28-30, 2022

Wisdom House, Litchfield, CT

## *DRAWING MACHINE: Can Computers Make Art?*

### **Faculty/Alumni Co-Leaders**

Meng Xu, PhD, Mathematics, NYC

Jillian McDonald, MFA, Art, NYC

R. Emilio Fernandez, PhD, Mathematics, PLV

Jiajia Wu '22, Art, NYC

### **Friday, October 28**

1:00 p.m. Assemble at Bus, New York Campus  
1:15 p.m. Bus departs New York Campus  
  
2:00 p.m. Assemble at Van/Bus, Pleasantville Campus  
2:15 p.m. Van/Bus departs Pleasantville Campus  
  
3:00 p.m.-5:00 p.m. Check-in and Free Time  
  
**5:30 p.m.-6:30 p.m. Dinner**

### **Evening Session**

7:10 p.m-10:00 p.m.

### **Opening Plenary Presentations**

Welcome and Introductions

Meng Xu – Drawing Machines: Quite Literally

Jillian McDonald – On Machines Making Art

Sarah Cunningham, Jillian McDonald, and Jiajia Wu – And, Or, Not

Workshop: Boolean Logic as an Artmaking Strategy

### **Saturday, October 29**

**8:00 a.m.-9:00 a.m. Breakfast**

### **Morning Session**

9:30 a.m.-11:50 a.m.

### **Art and Math: The Creative Process**

Daniel Hill – Using Algorithms in the Creative Process

Jiajia Wu – Will Artists be Replaced by AI?

James Reich - Chess Engines: Games, Rules, and Creativity

**12:00 p.m.-1:00 p.m. Lunch**

### **Afternoon Session**

1:10 p.m.-3:30 p.m.

### **Art and Math: Technology, Culture, and Ethics**

Betsy Gorelik – African Wax Textiles and GANs

Lisa Fastenberg and Judi Pajo – How Many Variables Does It Take to Make Art? Learning to Speak to Dalle2

3:30 p.m.-5:00 p.m. Free time

**5:30 p.m.-6:30 p.m. Dinner**

**Evening Session**

**Art and Math in Action**

7:00 p.m.-7:30 p.m.

Labyrinth walk

7:45 p.m.-10:00 p.m.

R. Emilio Fernandez – From Chaos to Stability: Math Proofs are Artistic Only  
in the End  
Meng Xu – “Rart” Work I: Creating Your Generative Art in R

**Sunday, October 30**

**8:00 a.m.-9:00 a.m.**

**Breakfast**

9:00 a.m.-9:50 a.m.

Free time

**Morning Session**

**Art and Math in Action**

10:00 a.m.-11:45 a.m.

Meng Xu – “Rart” Work II: Sharing Your Generative Art from R

**12:00 p.m.-12:15 p.m.**

**Pick-up boxed lunch, Retrieve Luggage, Check-Out**

**12:15 p.m.**

**Departure on Bus for Return Trip to NYC and PLV Campuses**