

# 2020 Yale Day of Instrumentation

January 24, 2020

Yale Science Building

## Program Agenda

8.30 **Registration** - YSB Lobby

9.00 **Introductions and welcome** - Marsh Lecture Hall

- Jeff Brock, Dean of Sciences, FAS
- Michael Crair, Deputy Dean for Scientific Affairs, Yale School of Medicine
- Karsten Heeger, Joerg Bewersdorf, co-organizers of YDol

9.15 **Role of instrumentation and technology development in science** - Marsh Hall

- Thomas Ullrich (Yale/BNL), *Instrumentation and technology development for the Electron-Ion Collider*

9.35 **Core Facilities and Instrumentation Development at Yale** - Marsh Hall

- Lisa D'Angelo, Associate Provost for Research
- Ben Myers, Director of Research Cores (Central)
- Janie Merkel, Director of Research Cores (School of Medicine)

9.55 **Q&A and discussion about cores and instrumentation development** - Marsh Hall

10.05 **Communicating the excitement of instrumentation and technology** - Marsh Hall

- Angelika Hofmann, Strategic Projects and Communications Advisor to the Vice Provost for Research

10.20 **What's in a name?** - Brainstorming (facilitated by K. Heeger) - Marsh Hall

10.30 **Coffee break** - YSB Lobby

10.50 **Core Facilities and Instrumentation Development at Yale** - Marsh Hall

- Center for Engineering Innovation and Design (CEID) - Joe Zinter
- Chemical and Biophysical Instrumentation Center (CBIC) - Eric Paulson
- Wright Lab Advanced Prototyping Center - James Nikkel
- Neurotechnology Core - Joel Greenwood

11.50 **Instructions for the working groups** - Marsh Hall

12.00 **Lunch** provided for registered participants - pick up in YSB Lobby and walk to break out rooms

12.15 **Working group breakout sessions:** Instrumentation and technology development across Yale.

- Quantum science - David DeMille, Eric Altmann - YSB 254
- Neuroscience - Todd Constable, Michael Higley - YSB 101
- Env. Sci/Ecology/Climate Change - Peter Raymond, Drew Gentner - YSB C142
- Instrumentation development and core facilities - Lisa D'Angelo, Jun Liu - YSB 153
- Instrumentation development, training, education - James Nikkel - YSB C143
- Mass Spectrometry - Mark Johnson, Noah Plavansky - YSB 253
- Instrumentation development in the arts and other disciplines- Anikó Bezur - YSB 251

2.30 **Photography and video contests** - Marsh Hall

2.45 **Results from working groups** - Marsh Hall

3:15 **Coffee and social hour** - YSB Lobby

4:00 Program end