

# Materials Science Seminars

Fall 2020



Department of  
Materials Science  
and Engineering

UC San Diego  
Jacobs School of Engineering



Samueli  
Materials Science & Engineering

## Schedule:

### Fri, 9 October 2020

Title: Relaxing in a time of crisis: extracting material properties from relaxation experiments

Presenter: Prof. Sossina Haile, Northwestern University

### Fri, 16 October 2020

Title: Thanos vs. Iron: The development of dynamic nickel-iron catalysts to usher in a carbon waste end game

Presenter: Prof. Leslie Abdul-Aziz, University of California, Riverside

### Fri, 23 October 2020

Title: The digitization of materials and investigators

Presenter: Prof. Rosario Gerhardt, Georgia Institute of Technology

### Fri, 30 October 2020

Title: Back to the future: Time travel to the ancient nanoworld of beautiful materials

Presenter: Prof. Trinitat Pradell, Universitat Politècnica de Catalunya

### Fri, 6 November 2020

Title: I, Microscopist: Artificial intelligence for electron microscopy data interpretation

Presenter: Prof. Mary Scott, University of California, Berkeley

### Fri, 13 November 2020

Title: Making films in LA starring nano- and micro-structures

Presenter: Prof. Andrea M. Hodge, University of Southern California

### Fri, 20 November 2020

Title: Harnessing disorder in metal oxides: Making Gibbs and Boltzmann proud

Presenter: Prof. Elizabeth Dickey, North Carolina State University

### Fri, 4 December 2020

Title: The art of layering apples and oranges: Hybrid material designs towards multifunctionality

Presenter: Prof. Haiyan Wang, Purdue University

### Fri, 11 December 2020

Title: Funny microscope videos: Transmission electron microscopy in motion

Presenter: Prof. Frances Ross, Massachusetts Institute of Technology

## Time:

11:00 AM - 12:00 PM (Pacific time)

## Connection:

Zoom meeting ID: 995 8022 3426

Password: 587901

## Web site:

Additional information on each seminar will be posted one week in advance at:

<http://graeve.ucsd.edu/UCMaterialsSeminar>

## Organizers

### Olivia A. Graeve, Ph.D.

Professor, UC San Diego  
Department of Mechanical and  
Aerospace Engineering

### William J. Bowman, Ph.D.

Assistant Professor, UC Irvine  
Department of Materials Science  
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### Ioanna Kakoulli, Ph.D.

Professor, UCLA  
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