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Subject: EM: 4/4 Claremont Discourse Webinar with Prof. Janet Sheung

From: Emily Mason



4/4 Claremont Discourse with Professor Janet Sheung

Monday, April 4th | 4:30 p.m.
[Register for this Zoom webinar](#)

Claremont Discourse presents Dr. Janet Sheung, Assistant Professor of Physics, W. M. Keck Science Department

Active Matter: The Cell From a Physics Perspective

Solid, liquid, gas, plasma – to which of these categories does the matter making up our cells belong? Surely there must be some attributes that make living materials different from those we study in physics class?

In this talk, Dr. Sheung will describe how she and her students are attempting to answer these biophysics questions. Specifically, she will explain how they use off-the-shelf purified proteins to construct minimal cellular matter on microscope slides, and how they use optical tweezers and fluorescence microscopy to investigate the way these materials respond to mechanical strain. No college level science knowledge will be assumed, and questions will be encouraged.

For more information or if you would like to suggest a topic for a future Claremont Discourse lecture, please reach out at discourse@claremont.edu

CLAREMONT DISCOURSE PRESENTS

ACTIVE MATTER

THE CELL FROM A PHYSICS PERSPECTIVE

with Dr. Janet Sheung



Solid, liquid, gas, plasma – to which of these categories does cellular matter belong? Find out from Dr. Sheung who joins us from the Keck Science Department with expertise in soft matter, biophysics, and physics education.

DATE

Monday, April 4, 2022

TIME

4:30 p.m. - 5:30 p.m. PDT

REGISTER

for this Zoom event

ZOOM LINK

7clib.cc/Discourse-Sheung



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