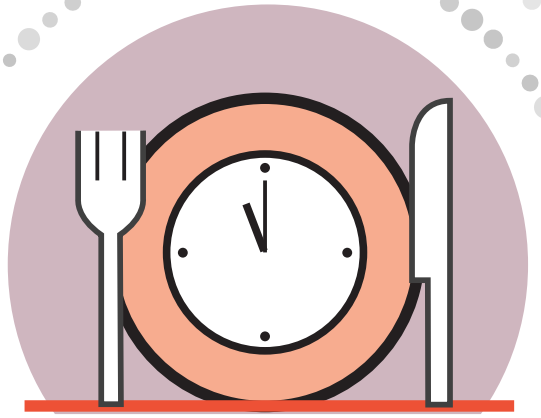
CAS Center for Advanced Study



FOOD FOR THOUGHT

A new Center for Advanced Study public events series featuring presentations of research and creative projects by recent CAS Associates and Fellows.

This informal series includes talks that were canceled after campus shut down in Spring 2020. With the possibility of in-person events once again, we are delighted to showcase the work of some of our most productive and creative faculty in a series of intellectually and spiritually invigorating presentations. You are invited to drop in when you can and enjoy a bite to eat while you learn about the exciting projects undertaken by our faculty. A brunch buffet will be provided at all in-person events.

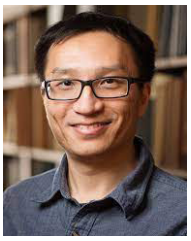
Thursday, September 16, 2021

11:00am–11:45am

Yue Shen

CAS Fellow 2018-19, Astronomy

How Do Black Holes Feast?



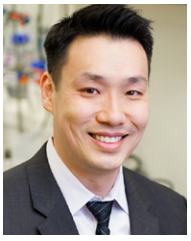
Black holes in the universe grow by accretion and produce intensive radiation. Their observed feeding pattern reveals fundamental relations in their physical properties.

Noon–12:45pm

Jefferson Chan

CAS Beckman Fellow 2019-20, Chemistry

Expanding the Chemical Toolbox for Acoustic-based Imaging of Cancer



The development of chemical probes that can selectively image disease biomarkers at the molecular level has the potential to provide unique insights into disease progression. During the period supported by CAS, my group has developed several activatable probes for photoacoustic imaging (a new light-in, sound-out technique) and applied these to visualize critical changes in the tumor microenvironment.

Center for Advanced Study
Levis Faculty Center—Room 210
919 W. Illinois, Urbana

For more information please scan the QR code or consult **cas.illinois.edu.**