

**Tuesday, September 27, 2022**

11:00am–11:45am

## Marc Hertzman

CAS Associate 2021–22, History

### *The 'Indians of Palmares': Conquest, Violence, and Land in Northeast Brazil*



In 1695, after the fall of Palmares, one of history's largest and longest-lasting fugitive-slave settlements, Indigenous people who participated in its defeat staked claim to land promised to them by the Portuguese crown. For multiple reasons and in multiple

ways, their history has been systematically silenced. This presentation examines this largely unexamined story while seeking to place in dialogue insights from Indigenous and diaspora Studies.

Noon–12:45pm

## Lucas Wagner

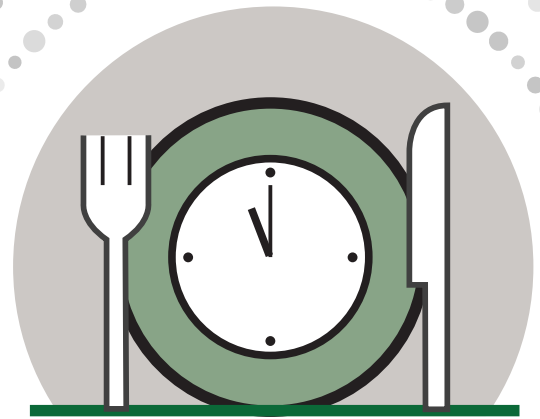
CAS Fellow 2021–22, Physics

### *Simplicity from Complexity: Learning Simple Physics from Detailed Quantum Simulations*



Almost everything we experience in our daily life is made up of nuclei and electrons and is very precisely described by quantum mechanics. However, there is a large gap between that microscopic precision and concepts like "life," "chair," and

"window." Professor Wagner will describe the efforts of his research group to use computation and learning methods to begin to bridge that gap starting from the bottom.



CENTER FOR ADVANCED STUDY

# FOOD FOR THOUGHT

This Center for Advanced Study public events series features presentations of research and creative projects by recent CAS Associates and Fellows.

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.

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



For more information please consult [cas.illinois.edu](http://cas.illinois.edu).

To request special accommodations, please contact [cas@cas.illinois.edu](mailto:cas@cas.illinois.edu).