## TOKYO COLLEGE

共に考える。未来のかたち Shaping a Shared Future Together

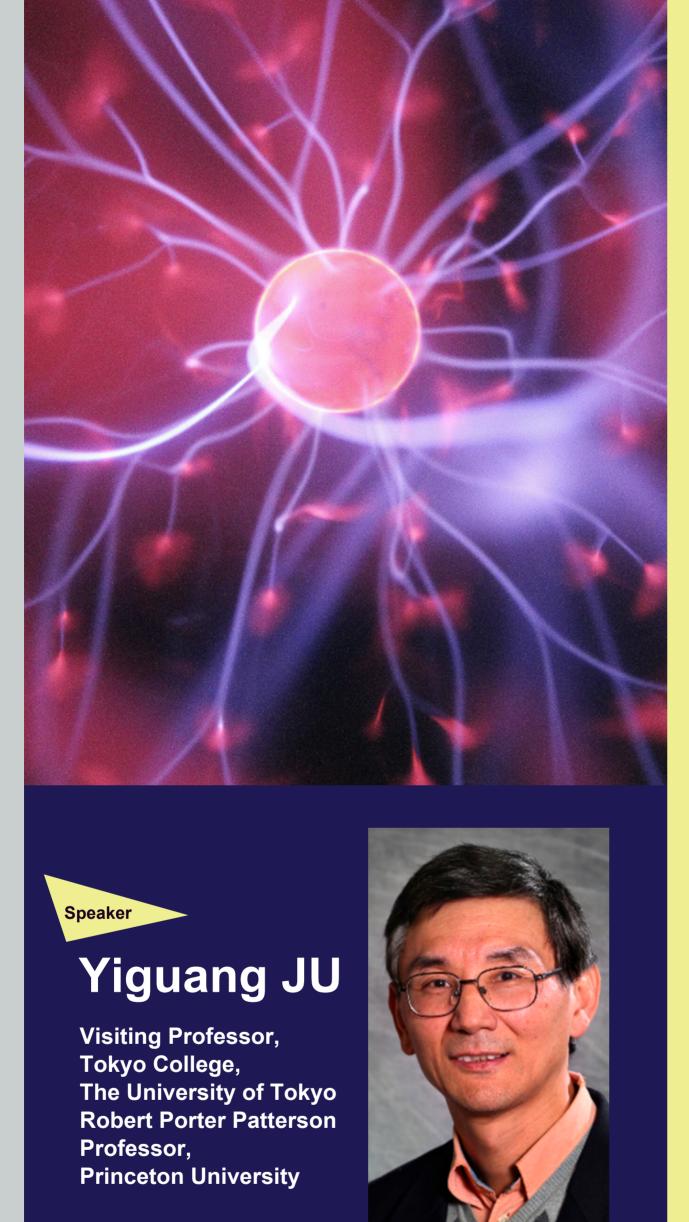
Lecture

Zoom Webinar

## Energy Transformations for Decarbonization and Sustainability

With the increasing public concerns on climate change and environmental sustainability, in the next decades "fossil fuel energy" will be transformed into "electron energy" with renewable electricity. This lecture will focus on three ways of addressing some of the challenges that arise with renewable energy such as its storage and irregular production. These include non-equilibrium energy and chemical conversion, materials manufacturing, and upcycling. The benefits of these processes will also be discussed relative to decarbonization and sustainability.

2023. **9.13** [Wed.] 15:30-17:00 JST





Deputy Director, Tokyo College, The University of Tokyo



Moderator

## **Xinyu Promio WANG**

**Project Assistant Professor, Tokyo College, The University of Tokyo** 

Venue

**Zoom Webinar** 

Language

**English (Japanese interpretation)** 

Contact

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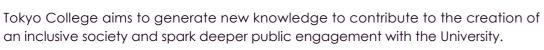
Pre-registration required



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