

# APCTP SEMINAR

## Information-theoretic view of community ecology

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*RIKEN iTHEMS*

**June 2nd (Thu.) 14:00 (KST)**

**ZOOM Webinar**

Understanding the dynamics of biodiversity is of pivotal importance to all the fields of ecology and evolution, despite the lack of a useful, or reference, framework, to that aim. In this talk, I will introduce an information-theoretical viewpoint to formalize the dynamics of biodiversity for a simple incidence-based ecological data. To this end, I will first talk about the background motivation. Second I will introduce my current preliminary work on the analytical treatment of the model with the help of statistical mechanics. The current work is very open to collaboration and so any questions are appreciated.

### ■ ZOOM Webinar

- 1) Please register through this ZOOM link  
<https://zoom.us/j/91256916356?pwd=NWIsWGd5WUk5b2hzYTBRNIBXTG9LUT09>
- 2) Join the webinar with a link generated after the registration
- 3) Please rename your profile - E.g. **Full name (affiliation)**

### ■ Contact information

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