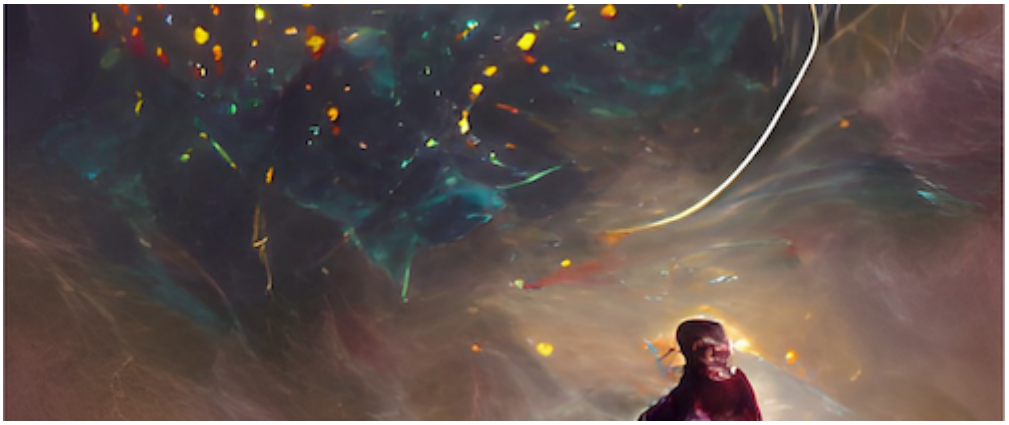
Session Program

Mar 7 – 11, 2022



Cosmic Cartography 2022: Exploring the Cosmic Web and Large-Scale Structure

Day 2 Morning

Kavli IPMU, Kashiwa, Japan, Lecture Hall
Kashiwa, Japan

Tue, March 8

9:00 AM

Day 2 Morning: Cosmic Web in the IGM and CGM

Session | **Location:** Kavli IPMU, Kashiwa, Japan, Lecture Hall, Kashiwa, Japan

9:00 – 9:30 AM **Large Scale Structure with the Prime Focus Spectrograph**

Speaker
Jenny Green

9:30 – 10:00 AM **Chrono-Cosmographic Analysis of the Cosmic Web with TARDIS**

Speaker
Benjamin Horowitz

10:00 – 10:20 AM

Cartography of the Forming Galaxy Clusters: Proposal for a NIR spectroscopic campaign on IGM tomography map by PFS-SSP

Speaker
Rhythm Shimakawa

10:20 – 10:40 AM **Break**

10:40 – 11:00 AM **The Cosmic Web and Galaxy Ecosystems Revealed by Slime Mold**

Speaker
Joseph Burchett

11:00 – 11:20 AM

The Absorption and Emission of Neutral Hydrogen around Star-Forming Galaxies at Cosmic Noon

Speaker
Yuguang Chen

11:20 – 11:40 AM

Constraining the Cosmic Baryon Distribution with FRB Foreground Mapping

Speaker
Ilya Khrykin

11:40 AM – 12:00 PM

Foreground halo contributions to FRB dispersion measures: Preliminary constraints from the FLIMFLAM Survey

Speaker
Sunil Simha

12:00 PM