



1) “Galaxies in the Supercluster at the Universe of 11 Gyrs ago”

by Ko Ishida (Tohoku University)

Time and Date: 15:00-17:00, Nov 29, 2024

Place: Room 745, Science Complex B (H-03) (hybrid)

Registration: "<https://us02web.zoom.us/meeting/register/tZ0tf--tqzIpHtcKU8RJPYv2AledACBolai6>"

The formation and evolution of galaxies and their supermassive black holes are tightly related to the surrounding environment. Since the star formation activities in the Universe are thought to have peaked at ~10 Gyrs ago, it is the critical epoch for us to witness the cosmic structure growth and galaxy evolution in action. In this seminar, I will introduce physical information that can be derived from the observable properties of distant galaxies and their environmental dependencies. I will also report on a unique structure at the Universe of 11 Gyrs ago, hosting proto-clusters and their surrounding large-scale structure, which provides us with an ideal laboratory to investigate the role of the environment and supermassive black holes in galaxy formation and evolution.

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