

Our Team

Teppei Okumura

Research Area: **Theoretical Physics**

Postdoc

My focus is on large-scale structures of the Universe to understand the properties of dark energy, which occupies approximately 70% of the total energy of the Universe and drives the cosmic acceleration. Recently, I have been working on developing a theoretical model to extract the information of dark energy precisely from the observed gravitational clustering of galaxies. Here at Kavli IPMU, I intend to work on the analysis of the galaxy data from the Baryon Oscillation



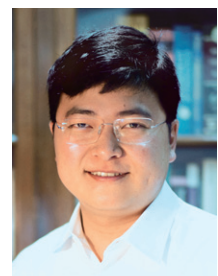
Spectroscopic Survey (BOSS), which is currently the largest three-dimensional survey of galaxies, considering its possible extensions to the SuMIRe survey at the Subaru Telescope, which involves Kavli IPMU.

Wiphu Rujopakarn

Research Area: **Astronomy**

Postdoc

My research focused on the evolution of galaxies: How galaxies formed stars and were assembled. The progress towards a coherent picture of this evolution is being driven rapidly by the emergence of new radio and millimeter-wave facilities that can peer through the thick dust prevalent in young galaxies at the peak of their assembly, redshifts 1 to 4, to reveal the interplay of star formation and supermassive black hole accretion. I look forward to join force



with Kavli IPMU researchers to synergize these wavelengths with ongoing Projects at the Kavli IPMU.

Our Team