



ILANCE Internships Spring / Summer 2024

University of Tokyo

<https://ilance.cnrs.fr/>

The Franco-Japanese laboratory, dedicated to the physics of the two infinities, benefits from an exceptional scientific and cultural environment.

An on-site laboratory in Japan, ILANCE brings together researchers, students, post-docs, engineers and technicians from CNRS and Japanese institutions. The laboratory is made up of French scientists for long-term stays in Japan and Japanese physicists. Individual research grants are awarded for postdoctoral stays or doctoral thesis. The laboratory will also aim to welcome and support French scientists for temporary stays in Japan. Based on the Kashiwa campus in the northeast of the city of Tokyo, the ILANCE laboratory permanently hosts scientists from CNRS laboratories and from four departments of the University of Tokyo namely, ICRR, Kavli IPMU, ICEPP and the School of Science.

Physical properties of distant galaxies via Data from ALMA and James Webb Space Telescopes.

In this topic, we will investigate the physical properties of dust-enshrouded high-redshift galaxies uncovered by recent ALMA and/or JWST observations. We will focus on spatially-resolved properties of galaxies using high-spatial resolution data and energy-balance codes to model the observed spectral energy distributions and understand the roles of cosmic dust in the early universe.

<https://www.almaobservatory.org/en/home>

<https://webb.nasa.gov/>

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ILANCE

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