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Register HK Webinar: Peering into the Unknown - New Insights from the James Webb Space Telescope (Mar 14, 2023)



Do galaxies in the universe look anything like present-day systems? How do stars form in distant massive galaxies? What do the exoplanets – faraway worlds circling other stars – look like and how fast is the universe expanding?

The James Webb Space Telescope (JWST), consisting of 18 hexagonal mirrors, a sun shield and equipped with high-resolution and high-sensitivity instruments, is the largest optical telescope in space. It orbits more than a million miles away from Earth, much farther away than the Hubble Space Telescope. It was launched December, 2022 and will reach a new phase in the series of complex maneuvers over the next six months. As a result, humanity will be able to peer deeper into space and time than we have ever experienced before.

In this program, [Professor Kenneth Pomeranz](#), Faculty Director of UChicago Hong Kong Campus, will host UChicago [Professor Jacob Bean](#) and [Professor Michael Gladders](#), who are core members of the JWST project, to discuss new insights into the universe brought by the James Webb Space Telescope.

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