DEPARTMENT OF PHYSICS
THE UNIVERSITY OF HONG KONG

香港天文與天體物理研究所
THE HONG KONG INSTITUTE FOR ASTRONOMY AND ASTROPHYSICS

HKIAA Colloquium Series

Towards New Horizons - Planet Formation with JWST

March 20, 2026 (Friday)

3:00 p.m.

Room 522, 5/F, Chong Yuet Ming Physics Building, The University of Hong Kong

Prof. Thomas HENNING

Max Planck Institute for Astronomy

Abstract:

The James Webb Space Telescope (JWST) is the most powerful space-based infrared observatory ever built. The first part of the talk will shortly discuss the main features of the observatory. The talk will then highlight some of the exciting science results, ranging from the high-redshift universe to the spectra of exoplanets and planet-forming disks. A special emphasis will be placed on the planet formation process and what we can learn from infrared spectroscopy regarding the inventory of material in the terrestrial planet-forming zones of protoplanetary disks. The talk will also provide a summary of the present scenario of the physics of planet formation.

Biography: Professor Thomas Henning
Director Emeritus - Max Planck Institute for Astronomy
Professor for Astronomy - University of Heidelberg
Research Areas: Planet and Star Formation, Characterization of Exoplanets, Astrochemistry, Laboratory Astrophysics.

Anyone interested is welcome to attend in person or via Zoom.

Enquiries:
Tel: 3917 3416 Fax: 2559 9152 Email: arenal@hku.hk

Event Detail Page

Event Zoom Link