

Colloquium

SFB 956

Conditions and Impact of Star Formation

18 July 2022 / *supplementary colloquium*

Monday 3:30 pm

Physikalische Institute Köln

Videostream

Zülpicher Straße 77 | 50937 Cologne

Klaus Pontoppidan

Space Telescope Science Institute, Baltimore, USA

The Beginning of JWST Science: How We Got Here and Where We Are Going

First science observations with the James Webb Space Telescope
Following the release of the JWST First Images on July 12th, 2022, the observatory will have successfully completed its commissioning activities and begun what we hope is many years of exciting scientific exploration of our infrared Universe. I will summarize how we got to where we are and discuss the basic performance of the observatory as determined during commissioning. I will also showcase the first images and spectra, tell the story of how they were created, and discuss how they are a resource both for public outreach and for first science. Finally, I will look ahead to the first year of planned JWST observations, and what can be expected for in the coming years.

