

# Colloquium

**SFB 956**

Conditions and Impact of Star Formation

**25 January 2021**

Monday 3:30 pm

**Physikalische Institute Köln**

**Video stream / Host: Daniel Seifried**

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## Cloud Formation and Feedback Processes: Results from the THOR Survey

The large program THOR conducted with the Very Large Array (VLA) is a Milky Way survey that investigates our Galaxy in the atomic gas 21cm line, in molecular gas OH emission, and in the ionised gas in the continuum and radio recombination line emission. With this diverse setup, scientific questions can be addressed from the formation of clouds and atomic to molecular gas conversion at early evolutionary stages, to feedback processes of HII regions and Supernova remnants at late evolutionary stages of star formation. This talk will give an overview of the project and present recent results obtained within the survey.

