

Session Program

21-22 Oct 2021

Digitala Astronomdagarna 2021
Kilonovae, Supernovae and SNRs

Zoom

Friday 22 October

08:55

Kilonovae, Supernovae and SNRs

Session | **Location:** Zoom | **Convener:** Gasper Kukec Mezek

08:55–09:05

SN 2018bsz: significant dust formation in a nearby superluminous supernova

Speaker

Janet Ting-Wan Chen

09:05–09:15

Let there be light: Illuminating neutron star mergers with radiative transfer simulations

Speaker

Mattia Bulla

09:15–09:25

The Time Dependent Nebular Phase of Kilonovae

Speaker

Mr Quentin Pognan

09:25–09:35

SNR 0540-69.3: continuum emission of the pulsar and its nebula based on X-shooter and MUSE observations

Speaker

Linda Tenhu

09:35–09:45

Molecules in stripped-envelope supernovae

Speaker

Dr Sofie Liljegren

09:45–09:55

A low-frequency radio view of supernovae with LOFAR

Speaker

Deepika Venkattu

09:55–10:05

The "Shocking" Interaction between Supernova Remnants and Molecular Clouds

Speaker

Giuliana Cosentino

10:05–10:15

Effect of axion inclusion in CCSNe simulations

Speaker

Aurore Betranhandy

10:15