

Session Program

6-10 Jun 2022

**NBIA Workshop on Radiation Transfer in
Astrophysics
*Supernovae***

Friday 10 June

09:00

Supernovae

Session

09:00–09:30

Supernovae: Progress and Nightmares

Speaker

D. John Hillier

09:30–09:50

Type Ia supernovae from sub-Chandrasekhar-mass white dwarf detonations: The importance of non-LTE

Speaker

Ken Shen

09:50–10:10

Systematic investigation of very early-phase spectra of type Ia supernovae

Speaker

Mao Ogawa

10:10–11:00

Coffee Break

11:00–11:30

Non equilibrium effects in Kilonova

Speaker

Kenta Hotokezaka

11:30–11:50

Electromagnetic Counterparts of Neutron Star Mergers: Signatures of Heavy r-Process Nucleosynthesis

Speaker

Andreas Flörs

11:50–12:10

Radiative transfer simulations for explosive transients

Speaker

Christine Collins

12:10