

Past Meetings

2020

- 10.12.2020: Alexandra (Sasha) Kozyreva on "The electron-capture origin of supernova 2018zd" by [Hiramatsu et al.](#), "SN 2018zd: an unusual stellar explosion as part of the diverse Type II Supernova landscape" by [Zhang et al.](#), and "Low luminosity Type II supernovae - III. SN 2018hwm, a faint event with an unusually long plateau" by [Requitti et al.](#)
- 03.12.2020: Jakob Ehring on "Multi-Dimensional Solution of Fast Neutrino Conversions in Binary Neutron Star Merger Remnants" by [Tamborra et al.](#)
- 26.11.2020: Jakob Ehring on "Imprints of neutrino-pair flavor conversions on nucleosynthesis in ejecta from neutron-star merger remnants" by [Wu et al.](#)
- 19.11.2020: Jason Spyromilio on "Radiative-transfer modeling of supernovae in the nebular-phase. A novel treatment of chemical mixing in spherical symmetry" by [Dessart & Hillier](#)
- 05.11.2020 and 12.11.2020: Christian Vogl on the "Photometric and spectroscopic diversity of Type II supernovae" by [Hillier & Dessart](#)
- 29.10.2020: Stefan Taubenberger on "Magnification, dust, and time-delay constraints from the first resolved strongly lensed Type Ia supernova iPTF16geu" by [Dhawan et al.](#) and "Spectroscopy of the first resolved strongly lensed Type Ia supernova iPTF16geu" by [Johansson et al.](#)
- 22.10.2020: Conor Omand on "Multiwavelength signals from pulsar-driven supernovae"
- 15.10.2020: Dietrich Baade on "GW190521: A Binary Black Hole Merger with a Total Mass of 150 M_{\odot} " by [LIGO et al.](#), "Properties and astrophysical implications of the 150 M_{\odot} binary black hole merger GW190521" by [LIGO et al.](#), and "Candidate Electromagnetic Counterpart to the Binary Black Hole Merger Gravitational-Wave Event S190521g*" by [Graham et al.](#)
- **COVID-BREAK**
- 12.03.2020: Ninoy Rahman on "Universal Relations for Gravitational-Wave Asteroseismology of Protoneutron Stars" by [Torres-Forné et al. \(2019\)](#)
- 05.03.2020: Robert Glas on the paper of Woosley, Sukhbold, and Janka "The Birth Function for Black Holes and Neutron Stars in Binaries" [Woosley et al. \(2020\)](#)
- 27.02.2020: Daniel Kresse on the GW190425 event [LSC et al. \(2020\)](#) [Kyutoku et al. \(2020\)](#)
- 20.02.2020: Takashi Nagao on his current work in progress on "the polarimetric diversity of CC SNe: Implication for their diverse explosion geometries"
- 13.02.2020: Anders Jerkstrand on "A type Ia supernova at the heart of superluminous transient SN 2006gy"

- [Jerkstrand et al. \(2020\)](#)
- 06.02.2020: Andreas Flörs on the manganese "problem" in Type Ia SNe
[Seitenzahl et al. \(2013\)](#)
[De los Reyes et al. \(2020\)](#)
[Eitner et al. \(2020\)](#)
- 30.01.2020: Akin Yildirim on "Early-type Host Galaxies of Type Ia Supernovae. II. Evidence for Luminosity Evolution in Supernova Cosmology" by [Kang et al. \(2019\)](#).
- 23.01.2020: Johannes Ringler on "Nucleosynthesis Constraints on The Energy Growth Timescale of a Core-Collapse Supernova Explosion" ([Sawada, Maeda 2019](#))
- 09.01.2020: Alexandra Kozyreva on shock breakout in red supergiants