



# MICRA2019 - Microphysics In Computational Relativistic Astrophysics

## Wednesday 14 August 2019

### Equation of State: Equation of State I - Abbeanum-Ground floor-HS1 - Hörsaal 1 (09:00-09:45)

time	[id] title	presenter
09:00	[29] The Hadronic Equation of State for Neutron Stars	Dr TOLOS, Laura
09:30	Discussion	

### Equation of State: Equation of State II - Abbeanum-Ground floor-HS1 - Hörsaal 1 (10:15-12:00)

time	[id] title	presenter
10:15	[12] Equation of State Effects in the Core Collapse of Massive Stars	DA SILVA SCHNEIDER, André
10:45	Discussion	
11:00	[15] Neutrino emission and equation of state in core collapse supernovae	SUMIYOSHI, Kosuke
11:20	Discussion	
11:30	[6] Core-collapse supernovae and equation of state effects*	YASIN, Hannah
11:50	Discussion	

### Equation of State: Equation of State III - Abbeanum-Ground floor-HS1 - Hörsaal 1 (14:00-15:00)

time	[id] title	presenter
14:00	[10] A unified quark-hadron equation of state	BASTIAN, Niels-Uwe
14:20	Discussion	
14:30	[5] Optimal neutron-star mass ranges to constrain the equation of state of nuclear matter with electromagnetic and gravitational-wave observations	WEIH, Lukas
14:50	Discussion	

### Equation of State: Breakout/Debrief - Abbeanum-Ground floor-HS1 - Hörsaal 1 (15:30-17:00)