



# MICRA2019 - Microphysics In Computational Relativistic Astrophysics

## Tuesday 13 August 2019

### Core-Collapse Supernovae: Core-Collapse Supernova I - Abbeanum-Ground floor-HS1 - Hörsaal 1 (09:00-09:45)

time	[id] title	presenter
09:00	[35] Simulations of Core-Collapse Supernovae	LIEBENDOERFER, Matthias
09:30	Discussion	

### Core-Collapse Supernovae: Core-Collapse Supernova II - Abbeanum-Ground floor-HS1 - Hörsaal 1 (10:15-12:00)

time	[id] title	presenter
10:15	[28] Towards 3D Simulations of Theoretical CCSNe Populations	Mr VARTANYAN, David
10:45	Discussion	
11:00	[14] Fully relativistic CCSN simulations of 20Msun star with magnetic field	KURODA, Takami
11:20	Discussion	
11:30	[16] Multi-dimensional core-collapse supernova simulations with the Boltzmann-radiation-hydrodynamics code	HARADA, Akira
11:50	Discussion	

### Core-Collapse Supernovae: Core-Collapse Supernova III - Abbeanum-Ground floor-HS1 - Hörsaal 1 (14:00-15:00)

time	[id] title	presenter
14:00	[26] The Impact of GR Hydrodynamics in CCSN Simulations	PAJKOS, Michael
14:20	Discussion	
14:30	[2] A pulsar-runaway-pair from a nearby supernova about 1.8 Myr ago that ejected 60-Fe found on Earth	Prof. NEUHAEUSER, Ralph
14:50	Discussion	

### Core-Collapse Supernovae: Core-Collapse Supernova IV - Abbeanum-Ground floor-HS1 - Hörsaal 1 (15:30-16:00)

time	[id] title	presenter
15:30	[8] Challenge to Black Hole Models and Supernova explosion driven by Magnetic	Prof. PENG, Qiuhe
15:50	Discussion	

### Core-Collapse Supernovae: Breakout/Debrief - Abbeanum-Ground floor-HS1 - Hörsaal 1 (16:00-17:30)