



# Sixteenth Marcel Grossmann Meeting

## Friday, 9 July 2021

### Friday Plenary Session: Block 2 - Massive stars (09:30 - 13:10)

-Conveners: Massimo Della Valle

time	[id] title	presenter
09:30	[105] Massive Binary Stars in the Era of Gravitational Wave Astrophysics	DE MINK, Selma
10:05	[58] Evolution of close binary stars and their role in the most powerful stellar explosions	LANGER, Norbert
10:40	[43] Dragging of inertial frames by matter and waves	BICAK, Jiri LEDVINKA, Tomáš
11:15	[420] Recent advances in the observation of high energy cosmic rays	Prof. DE MITRI, Ivan
11:50	[1101] Broad line SNe-Ibc in GRBs, and in Binary Driven Hypernova: GRB 180720B and GRB 190114C	MORADI, Rahim
12:25	[1103] The recent observations of Gravitational Waves from the two Neutron Stars - Black Holes coalescences	CELLA, Giancarlo

### Friday Plenary Session: Block 3 - Physics behind stellar collapse (15:30 - 18:00)

-Conveners: Remo Ruffini

time	[id] title	presenter
15:30	[48] Probes of the Progenitors, Engines and Physics behind Stellar Collapse	FRYER, Chris
16:05	[55] Numerical Relativity and the Interpretation of Gravitational Wave Observations	LAGUNA, Pablo
16:40	[53] Observations of Fast Radio Bursts	KASPI, Victoria
17:15	[64] The Physical Mechanisms of Fast Radio Bursts	ZHANG, Bing