

## Saturday 7

<b>Session IV (parallel)</b> <b>Particle physics from the sky and the cosmos</b> <b>Conveners:</b> Carmelita Carbone and Antonio Marinelli			<b>Session III (parallel)</b> <b>Neutrino masses, states and interactions</b> <b>Conveners:</b> Luca Pattavina and Noemi Rocco		
<b>Time</b>	<b>Speaker</b>	<b>Title</b>	<b>Time</b>	<b>Speaker</b>	<b>Title</b>
16.00 – 16.20	Gianpiero Mangano	Transplanckian problem during inflation	16.00 – 16.20	Eric Zimmermann	NA61/SHINE results
16.20 – 16.40	Alessandro Lella	Gravitational waves from core-collapse SN	16.20 – 16.40	Jaroslav Nowak	MicroBooNE cross section measurements
16.40 – 17.00	Sajad Abbar	Flavor conversion in SN and binary mergers: the role of AI	16.40 – 17.00	Lars Bathe-Peters	T2K cross section measurements
17.00 – 17.20	Silvia Celli	Particle escape in SN remnants, gamma ray and nu scenarios	17.00 – 17.20	Lauren Yates	SBND cross section measurements
<b>coffee break (30')</b>					
17.50 – 18.10	Tim Herbermann	From boost to brake: DM upscattering by the DSNB	17.50 – 18.10	Noah Steinberg	Neutrino-nucleus cross-section (ab initio method)
18.10 – 18.30	Marco Malabarba	JUNO potential for SN, solar and atmospheric neutrinos	18.10 – 18.30	Alexis Nikolakopoulos	Neutrino-nucleus cross sections (theory)
18.30 – 18.50	Mattia Atzori Corona	DM search with DarkSide-20k: Solar nu and Ar-39 backgrounds	18.30 – 18.50	Valerio Belocchi	Recent cross-section results using SuSA-v2 approach
18.50 – 19.10	Carla Macolino	Search for DM and solar 8-B neutrinos in XENONnT	18.50 – 19.10	Francesca Dordei	Role of the radiative corrections in nu interactions