Session Program

2-6 Dec 2019

TeV Particle Astrophysics 2019

Plenary

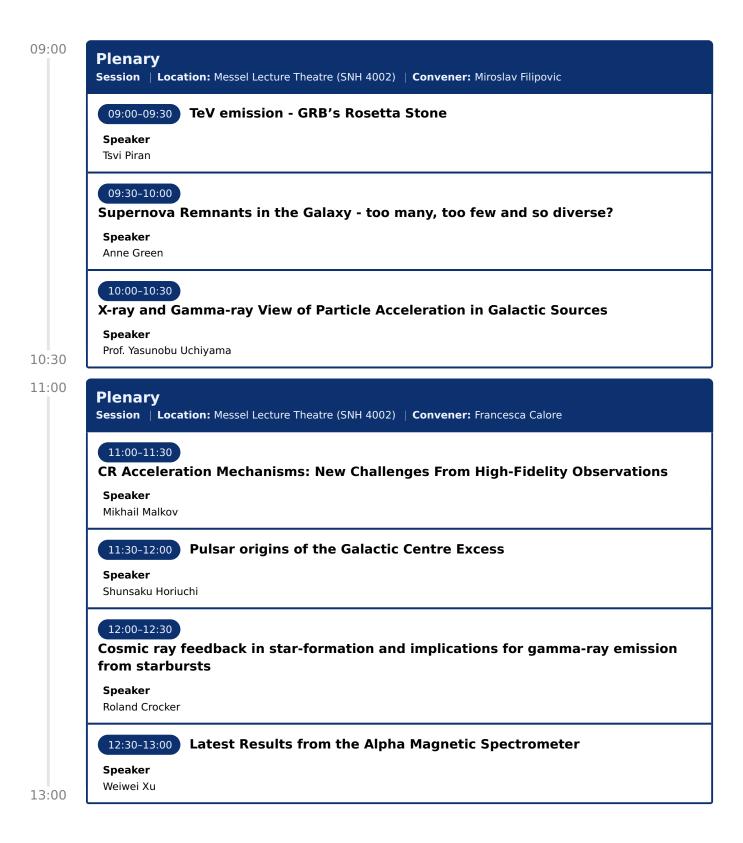
Monday 2 December

	ation: Messel Lecture Theatre (SNH 4002) Convener: Gianfranco Bertone
09:00-09:30	ТВА
Speaker celine boehm	
09:30-10:00 Dark matte at the TeV s Speaker	r bound states: overhauling our understanding of thermal decoup scale
Kalliopi Petraki	
xenon dete Speaker	WIMP paradigm (an many others) with ultra-low background mas ctors
Luca Grandi	
Plenary Session Loca	ation: Messel Lecture Theatre (SNH 4002) Convener: Luca Grandi
Session Loca 11:00-11:30 Speaker	Capture of Dark Matter in Neutron Stars
Session Loca 11:00-11:30 Speaker Nicole Bell 11:30-12:00 Speaker Jingjing ZANG	Capture of Dark Matter in Neutron Stars The latest results of the Dark Matter Particle Explorer (DAMPE) DarkSide-20k and the Direct Dark Matter Search with Liquid Arg
Session Loca 11:00-11:30 Speaker Nicole Bell 11:30-12:00 Speaker Jingjing ZANG 12:00-12:30 Speaker Thomas Nathan 12:30-13:00	Capture of Dark Matter in Neutron Stars The latest results of the Dark Matter Particle Explorer (DAMPE) DarkSide-20k and the Direct Dark Matter Search with Liquid Arg

Tuesday 3 December

09:00-09:30 Speaker	Probing dark matter with galaxies
joseph silk	
09:30-10:00 Speaker Xuelei Chen	The 21cm probe of cosmology
10:00-10:30	Shining a light on the dark side of cosmology
Speaker Prof. Geraint Le	wis
Plenarv	
	ation: Messel Lecture Theatre (SNH 4002) Convener: Emanuela Dimastrogiovanni
Session Loca 11:00-11:30 Speaker Jan Hamann	
Session Loca 11:00-11:30 Speaker Jan Hamann 11:30-12:00	
Session Loca 11:00-11:30 Speaker Jan Hamann 11:30-12:00	Cosmology after Planck ucture formation with non-gravitational dark matter interaction
Session Loca 11:00-11:30 Speaker Jan Hamann 11:30-12:00 ETHOS: Str Speaker Torsten Bringm	Cosmology after Planck ucture formation with non-gravitational dark matter interaction
Session Loca 11:00-11:30 Speaker Jan Hamann 11:30-12:00 ETHOS: Str Speaker Torsten Bringm	Cosmology after Planck ucture formation with non-gravitational dark matter interaction

Wednesday 4 December



Thursday 5 December



Friday 6 December

09:00-09:30	The Cherenkov Telescope Array: a new eye on the TeV sky
Speaker	
Dr Roberta Za	nin
09:30-10:00	
Linking Te	V and THz astronomy (gamma-ray and radio astrophysics connection
Speaker Dr Gavin Rowe	
10:00-10:30	Exploring the Universe with High Energy Neutrinos
Speaker Gary Hill	
Plenary	
	cation: Messel Lecture Theatre (SNH 4002) Convener: Susumu Inoue
11:00-11:30	
	ndent Models for Cosmic Rays and Diffuse Emissions from the Galaxy
-	
Speaker	
Troy Porter	
	N
11:30-12:00	
Recent res	ults on ultra-high energy cosmic rays from the Pierre Auger
	ults on ultra-high energy cosmic rays from the Pierre Auger
Recent res	ults on ultra-high energy cosmic rays from the Pierre Auger
Recent res Observato	ults on ultra-high energy cosmic rays from the Pierre Auger ry
Recent res Observato Speaker	ults on ultra-high energy cosmic rays from the Pierre Auger ry
Recent res Observator Speaker Bruce Dawsor	ults on ultra-high energy cosmic rays from the Pierre Auger ry
Recent res Observator Speaker Bruce Dawsor 12:00-12:30	ults on ultra-high energy cosmic rays from the Pierre Auger ry
Recent res Observator Speaker Bruce Dawsor 12:00-12:30 Speaker	ults on ultra-high energy cosmic rays from the Pierre Auger ry
Recent res Observator Speaker Bruce Dawsor 12:00-12:30	ults on ultra-high energy cosmic rays from the Pierre Auger ry
Recent res Observator Speaker Bruce Dawsor 12:00-12:30 Speaker Zhen Cao	ults on ultra-high energy cosmic rays from the Pierre Auger ry The Status and First Results of LHAASO Experiment
Recent res Observator Speaker Bruce Dawsor 12:00-12:30 Speaker Zhen Cao	ults on ultra-high energy cosmic rays from the Pierre Auger ry The Status and First Results of LHAASO Experiment
Recent res Observator Speaker Bruce Dawsor 12:00-12:30 Speaker Zhen Cao	ults on ultra-high energy cosmic rays from the Pierre Auger ry The Status and First Results of LHAASO Experiment
Recent res Observator Speaker Bruce Dawson 12:00-12:30 Speaker Zhen Cao	Fults on ultra-high energy cosmic rays from the Pierre Auger ry The Status and First Results of LHAASO Experiment The detection of VHE emission in the deep afterglow of GRB 18072
Recent res Observator Speaker Bruce Dawsor 12:00-12:30 Speaker Zhen Cao 12:30-12:45 Speaker	Fults on ultra-high energy cosmic rays from the Pierre Auger ry The Status and First Results of LHAASO Experiment The detection of VHE emission in the deep afterglow of GRB 18072
Recent res Observator Speaker Bruce Dawsor 12:00-12:30 Speaker Zhen Cao 12:30-12:45 Speaker	The detection of VHE emission in the deep afterglow of GRB 18072
Recent res Observator Speaker Bruce Dawsor 12:00-12:30 Speaker Zhen Cao 12:30-12:45 Speaker Edna Ruiz-Vela 12:45-13:00	The Status and First Results of LHAASO Experiment The detection of VHE emission in the deep afterglow of GRB 18072
Recent res Observator Speaker Bruce Dawsor 12:00-12:30 Speaker Zhen Cao 12:30-12:45 Speaker Edna Ruiz-Vela 12:45-13:00	The Status and First Results of LHAASO Experiment The detection of VHE emission in the deep afterglow of GRB 18072 asco
Recent res Observator Speaker Bruce Dawsor 12:00-12:30 Speaker Zhen Cao 12:30-12:45 Speaker Edna Ruiz-Vela 12:45-13:00 Inverse Co GRB190114	The Status and First Results of LHAASO Experiment The detection of VHE emission in the deep afterglow of GRB 18072 asco
Recent res Observator Speaker Bruce Dawson 12:00-12:30 Speaker Zhen Cao 12:30-12:45 Speaker Edna Ruiz-Vela 12:45-13:00 Inverse Co GRB190114 Speaker	The Status and First Results of LHAASO Experiment The detection of VHE emission in the deep afterglow of GRB 18072 asco
Recent res Observator Speaker Bruce Dawsor 12:00-12:30 Speaker Zhen Cao 12:30-12:45 Speaker Edna Ruiz-Vela 12:45-13:00 Inverse Co GRB190114	The Status and First Results of LHAASO Experiment The detection of VHE emission in the deep afterglow of GRB 18072 asco
Recent res Observator Speaker Bruce Dawson 12:00-12:30 Speaker Zhen Cao 12:30-12:45 Speaker Edna Ruiz-Vela 12:45-13:00 Inverse Co GRB19011 Speaker Elena Moretti	wilts on ultra-high energy cosmic rays from the Pierre Auger ry The Status and First Results of LHAASO Experiment The detection of VHE emission in the deep afterglow of GRB 18072 asco mpton emission revealed by observations up to TeV energies of 4C
Recent res Observator Speaker Bruce Dawsor (12:00-12:30) Speaker Zhen Cao (12:30-12:45) Speaker Edna Ruiz-Vela (12:45-13:00) Inverse Co GRB190114 Speaker	ults on ultra-high energy cosmic rays from the Pierre Auger ry The Status and First Results of LHAASO Experiment The detection of VHE emission in the deep afterglow of GRB 18072 asco mpton emission revealed by observations up to TeV energies of 4C
Recent res Observator Speaker Bruce Dawsor 12:00-12:30 Speaker Zhen Cao 12:30-12:45 Speaker Edna Ruiz-Vela 12:45-13:00 Inverse Co GRB19011 Speaker Elena Moretti	ults on ultra-high energy cosmic rays from the Pierre Auger ry The Status and First Results of LHAASO Experiment The detection of VHE emission in the deep afterglow of GRB 18072 asco mpton emission revealed by observations up to TeV energies of 4C
Recent res Observator Speaker Bruce Dawsor 12:00-12:30 Speaker Zhen Cao 12:30-12:45 Speaker Edna Ruiz-Vela 12:45-13:00 Inverse Co GRB19011 Speaker Elena Moretti 13:00-13:30	ults on ultra-high energy cosmic rays from the Pierre Auger ry The Status and First Results of LHAASO Experiment The detection of VHE emission in the deep afterglow of GRB 18072 asco mpton emission revealed by observations up to TeV energies of 4C Concluding remarks