



# 51st International Symposium on Multiparticle Dynamics (ISMD2022)

## Thursday 4 August 2022

### Cosmic-ray and astrophysics 1 (16:00 - 18:00)

time	[id] title	presenter
16:00	[91] Probing hadronic interaction models with IceTop and IceCube	Dr LESZCZYŃSKA, Agnieszka
16:20	[90] Generic hadronic collisions in Pythia	UTHEIM, Marius
16:40	[85] Air showers and hadronic interactions with CORSIKA 8	REININGHAUS, Maximilian
17:00	[89] Sub-TeV hadronic interaction model differences and their impact on air showers	SCHMELLING, Michael
17:20	[83] Probing hadronic interaction models with the hybrid data of the Pierre Auger Observatory	PIEROG, Tanguy
17:40	[61] Muon measurements at the Pierre Auger Observatory	GORA, Dariusz