

2nd SimProp Jamboree

Report of Contributions

Contribution ID: 1

Type: **not specified**

☒ Opening

Thursday, 13 June 2024 09:30 (40 minutes)

Presenter: BONCIOLI, Denise (University of L'Aquila)

Contribution ID: 2

Type: **not specified**

☒ **Expected new performances with the AugerPrime extension**

Thursday, 13 June 2024 10:10 (40 minutes)

Presenter: CONVENGA, Fabio (KIT)

Contribution ID: 3

Type: **not specified**

☒ Acceleration to UHECR energies

Thursday, 13 June 2024 11:30 (40 minutes)

Presenter: BLASI, Pasquale (GSSI)

Contribution ID: 4

Type: **not specified**

☒ **The astrophysics of VHE neutrino sources**

Thursday, 13 June 2024 14:00 (40 minutes)

Presenter: AMBROSONE, Antonio (University of Naples "Federico II" and Istituto Nazionale di Fisica Nucleare (INFN) sezione di Napoli)

Contribution ID: 5

Type: **not specified**

☒ Influence of plasma instabilities on the propagation of electromagnetic cascades

Thursday, 13 June 2024 15:10 (40 minutes)

Presenter: ESPINOSA CASTRO, Luis Enrique (Gran Sasso Science Institute)

Contribution ID: 6

Type: **not specified**

☒ Analytical Transport of Ultra High Energy Protons and their Secondary Products

Friday, 14 June 2024 15:10 (40 minutes)

Presenter: CERMENATI, Alessandro (Gran Sasso Science Institute)

Contribution ID: 7

Type: **not specified**

☒ Toward SimProp 3.0

Thursday, 13 June 2024 16:30 (30 minutes)

Presenter: DI MATTEO, Armando

Contribution ID: 8

Type: **not specified**

☒ From extragalactic to in-source simulations: SimProp for studying binary-neutron-star mergers as production sites of high-energy neutrinos

Friday, 14 June 2024 09:30 (40 minutes)

Presenter: ROSSONI, Simone (University of Hamburg)

Contribution ID: 9

Type: **not specified**

☒ Modeling Hadronic Interactions in UHECRs with SimProp

Friday, 14 June 2024 10:10 (40 minutes)

Presenter: CONDORELLI, Antonio (IJCLAB/CNRS)

Contribution ID: **10**

Type: **not specified**

☒ **Mastering the combined fit: from zero to hero!**

Friday, 14 June 2024 11:30 (40 minutes)

Presenter: PETRUCCI, Camilla (University of L'Aquila and INFN-LNGS)

Contribution ID: **11**

Type: **not specified**

☒ UHEHECRs

Friday, 14 June 2024 14:00 (40 minutes)

Presenter: BONCIOLI, Denise (University of L'Aquila)

Contribution ID: 12

Type: **not specified**

☒ Introducing SimProp-Sirente

Presenter: EVOLI, Carmelo (GSSI and INFN)

Contribution ID: 13

Type: **not specified**

☒ A template approach to mass fraction analysis

Thursday, 13 June 2024 15:50 (40 minutes)

Presenter: VAIMAN, Igor (INR RAS, Moscow)

Contribution ID: 14

Type: **not specified**

Group discussion

Contribution ID: 15

Type: **not specified**

☒ **Lego: Mars Rover construction**