

SOLVAY WORKSHOP: SuGAR 2018

Report of Contributions

Contribution ID: 0

Type: **not specified**

Review talk on Cosmic Rays

Tuesday, 23 January 2018 09:15 (1 hour)

Presenter: Dr ENGEL, Ralph (KIT)

Session Classification: Cosmic rays I: overview on experimental results, origin, acceleration and propagation.

Contribution ID: 1

Type: **not specified**

Cosmic ray origin and acceleration process

Tuesday, 23 January 2018 10:15 (50 minutes)

Presenter: Prof. BLASI, Pasquale (Osservatorio Astrofisico di Arcetri)

Session Classification: Cosmic rays I: overview on experimental results, origin, acceleration and propagation.

Contribution ID: 2

Type: **not specified**

Cosmic ray propagation through the ISM

Tuesday, 23 January 2018 14:00 (50 minutes)

Presenter: Prof. ZWEIBEL, Ellen (UW-Madison)

Session Classification: Cosmic Rays II: Anisotropy in the knee region

Contribution ID: 3

Type: **not specified**

IceTop composition results

Tuesday, 23 January 2018 11:25 (40 minutes)

Presenter: DE RIDDER, Sam (UGent)

Session Classification: Cosmic rays I: overview on experimental results, origin, acceleration and propagation.

Contribution ID: 4

Type: **not specified**

AMS results

Tuesday, 23 January 2018 12:05 (40 minutes)

Presenter: PANICCIA, Mercedes (Université de Genève)

Session Classification: Cosmic rays I: overview on experimental results, origin, acceleration and propagation.

Contribution ID: 5

Type: **not specified**

Galactic CR anisotropy with IceCube/IceTop

Tuesday, 23 January 2018 14:50 (40 minutes)

Presenter: DESIATI, Paolo (University of Wisconsin-Madison)

Session Classification: Cosmic Rays II: Anisotropy in the knee region

Contribution ID: 6

Type: **not specified**

Full sky Galactic anisotropy HAWC/IceCube

Tuesday, 23 January 2018 15:30 (40 minutes)

Presenter: DÍAZ-VÉLEZ, Juan Carlos (University of Wisconsin-Madison)

Session Classification: Cosmic Rays II: Anisotropy in the knee region

Contribution ID: 7

Type: **not specified**

Lofar composition measurements + acceleration models

Tuesday, 23 January 2018 16:30 (40 minutes)

Presenter: WINCHEN, Tobias (VUB)

Session Classification: Cosmic Rays III: From the knee to the ultra-high energy spectrum

Contribution ID: 8

Type: **not specified**

Highlights from AUGER: composition and anisotropy

Tuesday, 23 January 2018 17:10 (40 minutes)

Presenter: UNGER, Michael (KIT)

Session Classification: Cosmic Rays III: From the knee to the ultra-high energy spectrum

Contribution ID: 9

Type: **not specified**

Highlights from TA:composition/anisotropy

Tuesday, 23 January 2018 17:50 (40 minutes)

Presenter: JUI, Charles (University of Utah)

Session Classification: Cosmic Rays III: From the knee to the ultra-high energy spectrum

Contribution ID: **10**

Type: **not specified**

Neutrino Astronomy and Highlights from IceCube

Wednesday, 24 January 2018 09:00 (1 hour)

Presenter: KOWALSKI, Marek (Desy, Zeuthen)

Session Classification: Neutrino Astronomy I

Contribution ID: **11**

Type: **not specified**

KM3NeT and ANTARES

Wednesday, 24 January 2018 10:00 (40 minutes)

Presenter: HERNÁNDEZ-REY, Juan José (IFIC)

Session Classification: Neutrino Astronomy I

Contribution ID: 12

Type: **not specified**

Interpretation of the astrophysical neutrino signal

Wednesday, 24 January 2018 11:10 (40 minutes)

Presenter: NERONOV, Andrii (ISDC - Data Centre for Astrophysics)

Session Classification: Neutrino Astronomy I

Contribution ID: 13

Type: **not specified**

Origin of the neutrino astrophysical flux

Wednesday, 24 January 2018 11:50 (40 minutes)

Presenter: AHLERS, Markus (Niels Bohr Institute)

Session Classification: Neutrino Astronomy I

Contribution ID: 14

Type: **not specified**

Highlights from ARIANNA

Wednesday, 24 January 2018 14:40 (40 minutes)

Presenter: NELLES, Anna (UC Irvine)

Session Classification: Neutrino Astronomy II

Contribution ID: 15

Type: **not specified**

Highlights from ARA

Wednesday, 24 January 2018 15:20 (40 minutes)

Presenter: MASE, Keiichi (Chiba university)

Session Classification: Neutrino Astronomy II

Contribution ID: **16**

Type: **not specified**

EeV neutrino astronomy

Wednesday, 24 January 2018 14:00 (40 minutes)

Presenter: KOTERA, Kumiko (IAP)

Session Classification: Neutrino Astronomy II

Contribution ID: 17

Type: **not specified**

GRAND

Wednesday, 24 January 2018 16:30 (40 minutes)

Presenter: DE JONG, Sijbrand (Radboud University)

Session Classification: Neutrino Astronomy III

Contribution ID: **18**

Type: **not specified**

RADAR

Wednesday, 24 January 2018 17:10 (40 minutes)

Presenter: DE VRIES, Krijn (VUB/IIHE)

Session Classification: Neutrino Astronomy III

Contribution ID: **19**

Type: **not specified**

Review talk on Gamma-ray Astronomy

Thursday, 25 January 2018 09:00 (1 hour)

Presenter: HAYS, Elizabeth (NASA Goddard Space Flight Center)

Session Classification: Gamma-ray astronomy III: TeV gamma rays

Contribution ID: 20

Type: **not specified**

Highlights from MAGIC and CTA

Thursday, 25 January 2018 14:00 (40 minutes)

Presenter: PRANDINI, Elisa (University of Padua)

Session Classification: Gamma-ray astronomy III: TeV gamma rays

Contribution ID: 21

Type: **not specified**

Highlights from HAWC

Thursday, 25 January 2018 14:40 (40 minutes)

Presenter: BRENDA, Dingus (Los Alamos National Lab)

Session Classification: Gamma-ray astronomy III: TeV gamma rays

Contribution ID: 22

Type: **not specified**

Gamma-rays and the sources of galactic cosmic rays

Thursday, 25 January 2018 15:20 (40 minutes)

Presenter: GABICI, Stefano (APC)

Session Classification: Gamma-ray astronomy III: TeV gamma rays

Contribution ID: 23

Type: **not specified**

X-rays astronomy and multi-wavelength observations

Thursday, 25 January 2018 11:50 (40 minutes)

Presenter: SANTANGELO, Andrea (Tübingen University)

Session Classification: Gamma-ray Astronomy II

Contribution ID: 24

Type: **not specified**

The e-astrogram program

Thursday, 25 January 2018 11:10 (40 minutes)

Presenter: MANNHEIM, Karl (Würzburg University)

Session Classification: Gamma-ray Astronomy II

Contribution ID: 25

Type: **not specified**

Review talk on Gravitational Waves

Friday, 26 January 2018 09:00 (50 minutes)

Presenter: VAN DEN BROECK, Chris (NIKHEF)

Session Classification: Gravitational Waves

Contribution ID: 26

Type: **not specified**

LIGO/Virgo highlights

Friday, 26 January 2018 09:50 (50 minutes)

Presenter: SCHMIDT, Patricia (Radboud Universiteit)

Session Classification: Gravitational Waves

Contribution ID: 27

Type: **not specified**

Fundamental physics with LISA and Einstein Telescope

Friday, 26 January 2018 11:10 (40 minutes)

Presenter: VERCNOCKE, Bert (KULeuven)

Session Classification: Gravitational Waves

Contribution ID: 28

Type: **not specified**

Multimessenger connection of gravitational waves

Friday, 26 January 2018 11:50 (40 minutes)

Presenter: GERGELY, László (University of Szeged)

Session Classification: Gravitational Waves

Contribution ID: 29

Type: **not specified**

Extragalactic gamma-ray sources and their cutoffs

Thursday, 25 January 2018 10:00 (40 minutes)

Presenter: TAYLOR, Andrew (DESY)

Session Classification: Gamma-ray astronomy III: TeV gamma rays