

**Three elephants in the
gamma-ray sky: Loop I, the
Fermi bubbles, and the
Galactic center excess**

Report of Contributions

Contribution ID: 1

Type: **not specified**

GC excess overview

Saturday, 21 October 2017 14:00 (40 minutes)

Presenter: CALORE, Francesca

Session Classification: Session

Contribution ID: 2

Type: **not specified**

Fermi bubbles overview

Saturday, 21 October 2017 14:40 (40 minutes)

Presenter: SLATYER, Tracy (Harvard University)

Session Classification: Session

Contribution ID: 3

Type: **not specified**

Loop I overview

Saturday, 21 October 2017 15:20 (40 minutes)

Presenter: SHCHEKINOV, Yuri

Session Classification: Session

Contribution ID: 4

Type: **not specified**

Star formation near the Galactic center overview

Sunday, 22 October 2017 09:00 (40 minutes)

Presenter: LONGMORE, Steven

Session Classification: Session

Contribution ID: 5

Type: **not specified**

Molecular clouds

Sunday, 22 October 2017 09:40 (20 minutes)

Presenter: GEBAUER, Iris (Universitaet Karlsruhe)

Session Classification: Session

Contribution ID: 6

Type: **not specified**

511 keV line

Sunday, 22 October 2017 10:00 (20 minutes)

Presenter: PANTHER, Fiona Helen (Australian National University)

Session Classification: Session

Contribution ID: 7

Type: **not specified**

Cosmic rays and Galactic winds

Sunday, 22 October 2017 11:00 (20 minutes)

Presenter: PFROMMER, Christoph (Potsdam)

Session Classification: Session

Contribution ID: 8

Type: **not specified**

Simulation of Galactic propagation

Sunday, 22 October 2017 11:20 (20 minutes)

Presenter: KISSMANN, Ralf (University Innsbruck)

Session Classification: Session

Contribution ID: 9

Type: **not specified**

Non-linear cosmic ray transport

Sunday, 22 October 2017 11:40 (20 minutes)

Presenter: Dr EVOLI, Carmelo (Gran Sasso Science Institute)

Session Classification: Session

Contribution ID: **10**

Type: **not specified**

SkyFACT

Sunday, 22 October 2017 12:00 (20 minutes)

Presenter: STORM, Emma (GRAPPA, University of Amsterdam)

Session Classification: Session

Contribution ID: 11

Type: **not specified**

X-ray observations of the Fermi bubbles overview

Sunday, 22 October 2017 14:00 (40 minutes)

Presenter: Dr INOUE, Yoshiyuki (ISAS/JAXA)

Session Classification: Session

Contribution ID: 12

Type: **not specified**

Overview of large-scale features in the radio sky

Sunday, 22 October 2017 14:40 (40 minutes)

Presenter: DICKINSON, Clive (The University of Manchester)

Session Classification: Session

Three elephants ... / Report of Contributions

TBC

Contribution ID: 13

Type: **not specified**

TBC

Session Classification: Session

Contribution ID: 14

Type: **not specified**

Dust reddening and distance to gas

Sunday, 22 October 2017 16:00 (20 minutes)

Presenter: FINKBEINER, Douglas (Harvard University)

Session Classification: Session

Contribution ID: 15

Type: **not specified**

Loops and superbubbles in H I

Sunday, 22 October 2017 16:20 (20 minutes)

Presenter: MCCLURE-GRIFFITHS, Naomi (Australian National University)

Session Classification: Session

Contribution ID: 16

Type: **not specified**

Microwave haze

Sunday, 22 October 2017 16:40 (20 minutes)

Presenter: HAO, Liu

Session Classification: Session

Contribution ID: 17

Type: **not specified**

Simulations of Fermi bubbles overview

Monday, 23 October 2017 09:00 (40 minutes)

Presenter: YANG, Hsiang-Yi Karen

Session Classification: Session

Contribution ID: **18**

Type: **not specified**

Reconstructing the origin of the Local Bubble and Loop I via radioisotopic signatures on Earth

Monday, 23 October 2017 09:40 (20 minutes)

Presenter: Dr SCHULREICH, Michael

Session Classification: Session

Contribution ID: 19

Type: **not specified**

GC excess and interstellar radiation near the GC

Monday, 23 October 2017 10:40 (20 minutes)

Presenter: JOHANNESON, Gudlaugur

Session Classification: Session

Contribution ID: 20

Type: **not specified**

CR transport and anisotropic diffusion

Monday, 23 October 2017 11:00 (20 minutes)

Presenter: VITTINO, Andrea (TU Munich)

Session Classification: Session

Contribution ID: 21

Type: **not specified**

Diffuse modeling and GC excess

Monday, 23 October 2017 11:20 (20 minutes)

Presenter: LINDEN, Tim (U)

Session Classification: Session

Contribution ID: 22

Type: **not specified**

X-shaped bulge

Presenter: CROCKER, Roland (Australian National University)

Session Classification: Session

Contribution ID: 23

Type: **not specified**

The morphology of the GeV excess revisited

Monday, 23 October 2017 14:20 (20 minutes)

Presenter: BARTELS, Richard (University of Amsterdam)

Session Classification: Session

Contribution ID: 24

Type: **not specified**

Neural network analysis of GC excess

Tuesday, 24 October 2017 10:20 (20 minutes)

Presenter: HENDRIKS, Luc (Nikhef)

Session Classification: Session

Contribution ID: 25

Type: **not specified**

D3PO

Monday, 23 October 2017 14:00 (20 minutes)

Presenter: ENSSLIN, Torsten (MPI f. Astrophysics)

Session Classification: Session

Contribution ID: 26

Type: **not specified**

Spectral analysis of GC excess

Monday, 23 October 2017 15:00 (20 minutes)

Presenter: HUANG, Xiaoyuan

Session Classification: Session

Contribution ID: 27

Type: **not specified**

Wavelet analysis of the Inner Galaxy

Monday, 23 October 2017 14:40 (20 minutes)

Presenter: CHOLIS, Ilias (Fermi National Accelerator Laboratory)

Session Classification: Session

Contribution ID: 28

Type: **not specified**

Diffuse emission with HESS / CTA

Monday, 23 October 2017 16:00 (20 minutes)

Presenter: HOLLER, Markus (LLR - Ecole Polytechnique)

Session Classification: Session

Contribution ID: 29

Type: **not specified**

X-shaped bulge

Monday, 23 October 2017 13:40 (20 minutes)

Presenter: CROCKER, Roland (Australian National University)

Session Classification: Session

Contribution ID: **30**

Type: **not specified**

TBD

Presenter: Dr ZAHARIJAS, Gabrijela (University of Nova Gorica)

Session Classification: Session

Contribution ID: 31

Type: **not specified**

Fermi bubbles: X-ray and gamma-ray evidence for a supersonically expanding shell

Monday, 23 October 2017 16:40 (20 minutes)

Presenter: KESHET, Uri (Ben-Gurion University of the Negev)

Session Classification: Session

Contribution ID: 32

Type: **not specified**

Characterizing the Population of Gamma-Ray Pulsars in the Galactic Bulge

Tuesday, 24 October 2017 10:00 (20 minutes)

Presenter: CHARLES, Eric (SLAC National Accelerator Laboratory (US))

Session Classification: Session

Contribution ID: 33

Type: **not specified**

Radio Searches for Pulsars in the Galactic Center

Tuesday, 24 October 2017 09:20 (40 minutes)

Presenter: DENEVA, Julia

Session Classification: Session

Contribution ID: 34

Type: **not specified**

MSP interpretation of the gamma-ray signal in M31

Tuesday, 24 October 2017 09:00 (20 minutes)

Presenter: ZAHARIJAS, Gabrijela (University of Nova Gorica)

Session Classification: Session

Contribution ID: 35

Type: **not specified**

Cosmic rays and interstellar emissions from radio to gamma rays

Monday, 23 October 2017 16:20 (20 minutes)

Presenter: ORLANDO, Elena (Stanford University)

Session Classification: Session

Three elephants ... / Report of Contributions

TBD

Contribution ID: **36**

Type: **not specified**

TBD

Presenter: AVILLEZ, Miguel

Session Classification: Session

Contribution ID: 37

Type: **not specified**

Our Galaxy dominates the high-energy neutrino sky

Monday, 23 October 2017 17:00 (20 minutes)

Presenter: GURWICH, Ilya (NRCN)

Session Classification: Session