

Astrophysics + MAGIC



Report of Contributions

Contribution ID: 0

Type: **not specified**

Departure from H10 Taburiente Playa to ORM

Thursday, 28 June 2018 12:45 (15 minutes)

by chartered bus

Session Classification: Visit the MAGIC Telescopes

Contribution ID: 1

Type: **not specified**

Short celebration ceremony

Thursday, 28 June 2018 15:30 (30 minutes)

Presenters: DE ANGELIS, Alessandro (INFN); Dr STAMERRA, Antonio (INAF-Roma and Scuola Normale Superiore - Pisa); Prof. MARTINEZ, Manel (IFAE); Prof. TESHIMA, Masahiro (MPI); Dr MIRZOYAN, Razmik (Max-Planck-Institute for Physics)

Session Classification: Visit the MAGIC Telescopes

Contribution ID: 2

Type: **not specified**

Guided tours MAGIC (Guests and Newcomers)

Thursday, 28 June 2018 16:00 (1 hour)

Session Classification: Visit the MAGIC Telescopes

Contribution ID: 3

Type: **not specified**

Departure Bus 1 to Cancajos

Thursday, 28 June 2018 16:30 (5 minutes)

by chartered bus; Arrival at Taburiente Playa ~ 19:30

Session Classification: Visit the MAGIC Telescopes

Contribution ID: 4

Type: **not specified**

Welcome

Wednesday, 27 June 2018 09:30 (15 minutes)

Presenters: Prof. REBOLO, Rafael (IAC); MIRZOYAN, Razmik (Max Planck Institute for Physics)

Contribution ID: 5

Type: **not specified**

Press Time (interviews at MAGIC site)

Thursday, 28 June 2018 16:00 (55 minutes)

Session Classification: Visit the MAGIC Telescopes

Contribution ID: 6

Type: **not specified**

The History of MAGIC Through the Spokespersons' Eyes

Presenters: Dr CORTINA, Juan (IFAE); Prof. MARTINEZ, Manel (IFAE); TESHIMA, Masahiro (Max Planck for Physics); Prof. MARIOTTI, Mose (INFN and Univ of Padova); Dr MIRZOYAN, Razmik (Max-Planck-Institute for Physics)

Contribution ID: 7

Type: **not specified**

The Beginning and Construction of MAGIC

Presenter: Dr MIRZOYAN, Razmik (Max-Planck-Institute for Physics)

Contribution ID: 8

Type: **not specified**

Historical Scientific Highlights and Impressions from 15 Years of MAGIC Operation

Presenters: BILAND, Adrian (ETH Zurich); DE ANGELIS, Alessandro (INFN); Dr PANEQUE, David (MPI); Prof. PAREDES, Josep M. (Universitat de Barcelona); Dr ANTONELLI, Lucio Angelo (INAF-OAR and ASDC); Mr BLANCH BIGAS, Oscar (IFAE); Prof. BEDNAREK, Wlodek (University of Lodz); Prof. FONSECA, maria victoria (UCM)

Contribution ID: 9

Type: **not specified**

Neutrino Aspects of Multimessenger Astronomy

Wednesday, 27 June 2018 14:30 (30 minutes)

Presenter: HALZEN, Francis (University of Wisconsin - Madison)

Session Classification: Multi-Messenger Astronomy

Contribution ID: **10**

Type: **not specified**

Fermi

Wednesday, 27 June 2018 15:00 (30 minutes)

Presenter: MCENERY, Julie (NASA / GSFC)

Session Classification: Reports from Various Astro-Particle Physics Experiments

Contribution ID: **11**

Type: **not specified**

HESS

Wednesday, 27 June 2018 15:30 (30 minutes)

Presenter: STEGMANN, Christian (DESY)

Session Classification: Reports from Various Astro-Particle Physics Experiments

Contribution ID: 12

Type: **not specified**

Science Highlights from VERITAS

Wednesday, 27 June 2018 16:00 (30 minutes)

Presenter: SCHLENSTEDT, Stefan (DESY)

Session Classification: Reports from Various Astro-Particle Physics Experiments

Contribution ID: **13**

Type: **not specified**

AMS

Wednesday, 27 June 2018 17:00 (30 minutes)

Presenter: Dr GARCIA LOPEZ, Ramon J. (Instituto de Astrofisica de Canarias)

Session Classification: Reports from Various Astro-Particle Physics Experiments

Contribution ID: 14

Type: **not specified**

Interpretation of the Cosmic Ray Positron and Antiproton Fluxes

Wednesday, 27 June 2018 17:30 (30 minutes)

Presenter: LIPARI, Paolo (INFN Rome)

Session Classification: Reports from Various Astro-Particle Physics Experiments

Contribution ID: 15

Type: **not specified**

HAWC

Wednesday, 27 June 2018 18:00 (30 minutes)

Presenter: SANDOVAL, Andrés (IF - UNAM)

Session Classification: Reports from Various Astro-Particle Physics Experiments

Contribution ID: 16

Type: **not specified**

Recent Progress in Understanding Ultra-high-energy Cosmic Rays

Wednesday, 27 June 2018 18:30 (30 minutes)

Presenter: ENGEL, Ralph (I K P - K I T)

Session Classification: Reports from Various Astro-Particle Physics Experiments

Contribution ID: 17

Type: **not specified**

IceCube

Presenter: KARLE, Albrecht (University of Wisconsin - Madison)

Contribution ID: **18**

Type: **not specified**

Tests for Lorentz Invariance Violation

Thursday, 28 June 2018 09:00 (30 minutes)

Presenter: AMELINO-CAMELIA, Giovanni (University of Naples)

Session Classification: Astroparticle Physics with Galactic and Extragalactic Objects

Contribution ID: 19

Type: **not specified**

The Role of Gamma-rays and Hard X-rays in the Understanding of AGN Jets

Thursday, 28 June 2018 09:30 (30 minutes)

Presenter: MADEJSKI, Greg (Stanford / KIPAC / SLAC)

Session Classification: Astroparticle Physics with Galactic and Extragalactic Objects

Contribution ID: 20

Type: **not specified**

The MAGIC of FSRQs

Thursday, 28 June 2018 10:00 (30 minutes)

Presenter: SITAREK, Julian (University of Łódź)

Session Classification: Astroparticle Physics with Galactic and Extragalactic Objects

Contribution ID: 21

Type: **not specified**

Multi-wavelength characterization of the most extreme X-ray outburst from Mrk 501

Thursday, 28 June 2018 10:30 (15 minutes)

Presenter: Dr BECERRA GONZALEZ, Josefa (Instituto de Astrofísica de Canarias (IAC))

Session Classification: Astroparticle Physics with Galactic and Extragalactic Objects

Contribution ID: 22

Type: **not specified**

The MAGIC Pieces in the Radio Galaxies Puzzle: Fast Flares from IC310 and NGC1275

Contribution ID: 23

Type: **not specified**

Microquasar Jets and Gamma-ray Emission

Thursday, 28 June 2018 11:10 (30 minutes)

Presenter: MIRABEL, Felix (CEA Saclay)

Session Classification: Astroparticle Physics with Galactic and Extragalactic Objects

Contribution ID: 24

Type: **not specified**

Unveiling the VHE Emission from Pulsars with the MAGIC SumTrigger

Thursday, 28 June 2018 11:40 (20 minutes)

Presenters: Dr LÓPEZ, Marcos (UC Madrid); Dr SCHWEIZER, Thomas (MPI)

Session Classification: Astroparticle Physics with Galactic and Extragalactic Objects

Contribution ID: 25

Type: **not specified**

Very-High-Energy Emission from Rotation-Powered Pulsars

Thursday, 28 June 2018 12:00 (30 minutes)

Presenter: HARDING, Alice (NASA GSFC)

Session Classification: Astroparticle Physics with Galactic and Extragalactic Objects

Contribution ID: 26

Type: **not specified**

A Comment on Very-High-Energy Photonuclear Reactions

Friday, 29 June 2018 09:00 (30 minutes)

Presenter: STODOLSKY, leo (mpi)

Session Classification: Astroparticle Physics with Extragalactic Objects (and Cosmic Rays)

Contribution ID: 27

Type: **not specified**

The MAGIC Pieces in the Radio Galaxies Puzzle: Fast Flares from IC310 and NGC1275

Friday, 29 June 2018 10:15 (15 minutes)

Presenter: PANEQUE, David (MPI)

Session Classification: Astroparticle Physics with Extragalactic Objects (and Cosmic Rays)

Contribution ID: 28

Type: **not specified**

Extragalactic Background Light and the Transparency of the Universe to Gamma-rays

Friday, 29 June 2018 09:30 (30 minutes)

Presenter: FRANCESCHINI, Alberto (University of Padua)

Session Classification: Astroparticle Physics with Extragalactic Objects (and Cosmic Rays)

Contribution ID: 29

Type: **not specified**

Hunting extreme blazars with the MAGIC telescopes

Friday, 29 June 2018 10:00 (15 minutes)

Presenters: Dr PRANDINI, Elisa (Padova University); Dr ASANO, Katsuaki (Institute for Cosmic Ray Research, The University)

Session Classification: Astroparticle Physics with Extragalactic Objects (and Cosmic Rays)

Contribution ID: **30**

Type: **not specified**

Binaries in Gamma-rays: Years of MAGIC

Friday, 29 June 2018 11:00 (30 minutes)

Presenter: DUBUS, Guillaume (CNRS IPAG)

Session Classification: Astroparticle Physics with Galactic Objects (and Cosmic Rays)

Contribution ID: **31**

Type: **not specified**

A MAGIC View into the Galactic Center Region

Friday, 29 June 2018 11:30 (20 minutes)

Presenter: Dr FRUCK, Christian (Max-Planck-Institut für Physik)

Session Classification: Astroparticle Physics with Galactic Objects (and Cosmic Rays)

Contribution ID: 32

Type: **not specified**

In a search for cosmic PeVatrons: MAGIC large zenith angle observations

Friday, 29 June 2018 11:50 (20 minutes)

Presenter: Dr VOVK, Ievgen (MPI for Physics)

Session Classification: Astroparticle Physics with Galactic Objects (and Cosmic Rays)

Contribution ID: 33

Type: **not specified**

Cosmic Ray Composition with IACTs

Friday, 29 June 2018 12:10 (30 minutes)

Presenter: NERONOV, Andrii (University of Geneva)

Session Classification: Astroparticle Physics with Galactic Objects (and Cosmic Rays)

Contribution ID: 34

Type: **not specified**

A New Era in the Quest for Dark Matter

Friday, 29 June 2018 14:00 (30 minutes)

Presenter: BERTONE, Gianfranco (GRAPPA)

Session Classification: Astroparticle and Fundamental Physics

Contribution ID: 35

Type: **not specified**

Dark Matter Searches with MAGIC

Friday, 29 June 2018 14:30 (30 minutes)

Presenter: Dr DORO, Michele (University and INFN Padova)

Session Classification: Astroparticle and Fundamental Physics

Contribution ID: 36

Type: **not specified**

Gravitational Waves and Multi-messenger Astronomy: the New Exploration of the Universe

Friday, 29 June 2018 15:00 (30 minutes)

Presenter: PATRICELLI, Barbara

Session Classification: Astroparticle and Fundamental Physics

Contribution ID: 37

Type: **not specified**

MeV Astronomy

Presenter: TAVANI, Marco (INAF)

Contribution ID: **38**

Type: **not specified**

VHE Gamma Ray Astronomy on the High Altitude Ground for Three Decades

Friday, 29 June 2018 16:50 (30 minutes)

Presenter: CAO, Zhen (caozh@ihep.ac.cn)

Session Classification: Outlook into the Future

Contribution ID: 39

Type: **not specified**

CTA, with Focus on LST

Friday, 29 June 2018 17:20 (40 minutes)

Presenter: TESHIMA, Masahiro (Max Planck for Physics)

Session Classification: Outlook into the Future

Contribution ID: 40

Type: **not specified**

Searches for Fast Transients with MAGIC

Friday, 29 June 2018 15:30 (20 minutes)

Presenter: Dr NODA, Koji (Institute for Cosmic Ray Research, The University of Tokyo)

Session Classification: Astroparticle and Fundamental Physics

Contribution ID: 41

Type: **not specified**

Departure Bus 2 for Roque and Cancajos

Thursday, 28 June 2018 17:00 (5 minutes)

Newcomers, Guests, Hosts

Session Classification: Visit the MAGIC Telescopes

Contribution ID: 42

Type: **not specified**

End of Lunch and bus/walk to MAGIC site

Thursday, 28 June 2018 15:15 (15 minutes)

Session Classification: Visit the MAGIC Telescopes

Contribution ID: 43

Type: **not specified**

appr. arrival Cancajos Bus 1

Thursday, 28 June 2018 18:00 (1 minute)

Session Classification: Visit the MAGIC Telescopes

Contribution ID: 44

Type: **not specified**

appr. arrival Cancajos Bus 2

Thursday, 28 June 2018 19:30 (1 minute)

Session Classification: Visit the MAGIC Telescopes

Contribution ID: 45

Type: **not specified**

IceCube

Friday, 29 June 2018 16:20 (30 minutes)

Presenter: Prof. KARLE, Albrecht (University of Wisconsin-Madison)

Session Classification: Outlook into the Future

Contribution ID: 46

Type: **not specified**

Questions and Answers

Contribution ID: 47

Type: **not specified**

The Beginning and Construction of MAGIC

Wednesday, 27 June 2018 09:45 (45 minutes)

Presenter: Dr MIRZOYAN, Razmik (Max-Planck-Institute for Physics)

Session Classification: The Beginning and Construction of MAGIC

Contribution ID: 48

Type: **not specified**

Spokesperson views: Manel Martinez

Wednesday, 27 June 2018 10:30 (15 minutes)

Presenter: Prof. MARTINEZ, Manel (IFAE)

Session Classification: The History of MAGIC Through the Spokespersons' Eyes

Contribution ID: 49

Type: **not specified**

Spokesperson's views: Masahiro Teshima

Wednesday, 27 June 2018 10:45 (15 minutes)

Presenter: TESHIMA, Masahiro (Max Planck for Physics)

Session Classification: The History of MAGIC Through the Spokespersons' Eyes

Contribution ID: 50

Type: **not specified**

Spokesperson's views: Mose Mariotti

Wednesday, 27 June 2018 11:00 (15 minutes)

Presenter: Prof. MARIOTTI, Mose (INFN and Univ of Padova)

Session Classification: The History of MAGIC Through the Spokespersons' Eyes

Contribution ID: 51

Type: **not specified**

Spokesperson's views: Juan Cortina

Wednesday, 27 June 2018 11:15 (15 minutes)

Presenter: Dr CORTINA, Juan (IFAE)

Session Classification: The History of MAGIC Through the Spokespersons' Eyes

Contribution ID: 52

Type: **not specified**

Scientific Highlights: Josep M. Paredes

Wednesday, 27 June 2018 12:00 (10 minutes)

Presenter: Prof. PAREDES, Josep M. (Universitat de Barcelona)

Session Classification: Historical Scientific Highlights and (subjective) Impressions from 15 Years of MAGIC Operation

Contribution ID: 53

Type: **not specified**

Scientific Highlights: Adrian Biland

Wednesday, 27 June 2018 12:10 (10 minutes)

Presenter: BILAND, Adrian (ETH Zurich)

Session Classification: Historical Scientific Highlights and (subjective) Impressions from 15 Years of MAGIC Operation

Contribution ID: 54

Type: **not specified**

Scientific Highlights: David Paneque

Wednesday, 27 June 2018 12:20 (10 minutes)

Presenter: PANEQUE, David (MPI)

Session Classification: Historical Scientific Highlights and (subjective) Impressions from 15 Years of MAGIC Operation

Contribution ID: 55

Type: **not specified**

Scientific Highlights: Angelo Antonelli

Wednesday, 27 June 2018 12:30 (10 minutes)

Presenter: Dr ANTONELLI, Lucio Angelo (INAF-OAR and ASDC)

Session Classification: Historical Scientific Highlights and (subjective) Impressions from 15 Years of MAGIC Operation

Contribution ID: 56

Type: **not specified**

Scientific Highlights: Alessandro de Angelis

Wednesday, 27 June 2018 12:40 (10 minutes)

Presenter: DE ANGELIS, Alessandro (INFN)

Session Classification: Historical Scientific Highlights and (subjective) Impressions from 15 Years of MAGIC Operation

Contribution ID: 57

Type: **not specified**

Scientific Highlights: Victoria Fonseca

Wednesday, 27 June 2018 12:50 (10 minutes)

Presenter: Prof. FONSECA, MariaVictoria (UCM)

Session Classification: Historical Scientific Highlights and (subjective) Impressions from 15 Years of MAGIC Operation

Contribution ID: 58

Type: **not specified**

Scientific Highlights: Wlodek Bednarek

Wednesday, 27 June 2018 13:00 (10 minutes)

Presenter: Prof. BEDNAREK, Wlodek (University of Lodz)

Session Classification: Historical Scientific Highlights and (subjective) Impressions from 15 Years of MAGIC Operation