

# MMSchool Asiago 2020



## Report of Contributions

Contribution ID: 1

Type: **not specified**

## **Transfer from Padova to Asiago Observatory**

*Tuesday, January 14, 2020 1:30 PM (2h 5m)*

Contribution ID: 2

Type: **not specified**

## **Large-Scale Structure formation and neutrinos in Cosmology #1**

**Presenter:** VIEL, Matteo

**Session Classification:** Cosmology

Contribution ID: 3

Type: **not specified**

## **Large-Scale Structure formation and neutrinos in Cosmology #2**

**Presenter:** VIEL, Matteo

**Session Classification:** Cosmology

Contribution ID: 4

Type: **not specified**

## **Large-Scale Structure formation and neutrinos in Cosmology #3**

**Presenter:** VIEL, Matteo

**Session Classification:** Cosmology

Contribution ID: 5

Type: **not specified**

## **Multimessenger aspects of reionization epoch #1**

**Session Classification:** Cosmology

Contribution ID: 6

Type: **not specified**

## **Coevolution of SMBHs and their host galaxies**

**Session Classification:** Cosmology

Contribution ID: 7

Type: **not specified**

## **LIGO and VIRGO**

**Session Classification:** Gravitational Waves



Contribution ID: 8

Type: **not specified**

## Gravitational Wave astronomy

Contribution ID: 9

Type: **not specified**

## **Gravitational Wave astronomy #1**

**Session Classification:** Gravitational Waves

Contribution ID: **10**

Type: **not specified**

## **Third-generation ground-based GW Observatory Network #1**

**Presenter:** PUNTURO, Michele (PG)

**Session Classification:** Gravitational Waves

Contribution ID: 11

Type: **not specified**

## **Multimessenger aspects of reionization epoch #2**

**Session Classification:** Cosmology

Contribution ID: 12

Type: **not specified**

## **Coevolution of SMBHs and their host galaxies #2**

**Session Classification:** Cosmology

Contribution ID: 13

Type: **not specified**

## **Gravitational Wave Astronomy #2**

**Session Classification:** Gravitational Waves

Contribution ID: **14**

Type: **not specified**

## **LIGO/VIRGO #2**

**Session Classification:** Gravitational Waves

Contribution ID: 15

Type: **not specified**

## **Third-generation ground-based GW Observatory Network #2**

**Presenter:** PUNTURO, Michele (PG)

**Session Classification:** Gravitational Waves



Contribution ID: 16

Type: **not specified**

## Accretion and Jets #1

**Session Classification:** Astroparticle

Contribution ID: 17

Type: **not specified**

## Accretion and Jets #2

**Session Classification:** Astroparticle

Contribution ID: **18**

Type: **not specified**

## **Accretion and Jets #3**

**Session Classification:** Astroparticle

Contribution ID: 19

Type: **not specified**

## **Hadrons, neutrino astrophysics and its relation with gamma rays #1**

**Session Classification:** Astroparticle

Contribution ID: 20

Type: **not specified**

## **Hadrons, neutrino astrophysics and its relation with gamma rays #2**

**Session Classification:** Astroparticle

Contribution ID: 21

Type: **not specified**

## **Hadrons, neutrino astrophysics and its relation with gamma rays #3**

**Session Classification:** Astroparticle

Contribution ID: 22

Type: **not specified**

# Multimessenger signatures of particle accelerations #1

**Presenter:** TAVECCHIO, Fabrizio (INAF-)AB)

**Session Classification:** Astroparticle

Contribution ID: 23

Type: **not specified**

## **Multimessenger signatures of particle accelerations #2**

**Presenter:** TAVECCHIO, Fabrizio (INAF-)AB)

**Session Classification:** Astroparticle



Contribution ID: 24

Type: **not specified**

## **Multimessenger signatures of particle accelerations #3**

**Presenter:** TAVECCHIO, Fabrizio (INAF-)AB)

**Session Classification:** Astroparticle

Contribution ID: 25

Type: **not specified**

# **Multimessenger astrophysics with compact mergers #1**

**Session Classification:** Astroparticle

Contribution ID: 26

Type: **not specified**

## **Multimessenger astrophysics with compact mergers #2**

**Session Classification:** Astroparticle

Contribution ID: 27

Type: **not specified**

## **Gamma-ray Instruments**

**Presenter:** MIRZOYAN, Razmick (Max-Planck-Institute for Physics)

**Session Classification:** Instruments

Contribution ID: 28

Type: **not specified**

## Cosmic Ray Instruments

**Presenter:** PIMENTA, Mário (LIP/IST)

**Session Classification:** Instruments

Contribution ID: 29

Type: **not specified**

## **Acceleration processes and cosmic rays**

*Tuesday, January 14, 2020 4:30 PM (1h 30m)*

**Presenter:** BLASI, Pasquale (GSSI, L'Aquila)

Contribution ID: **30**

Type: **not specified**

## Reception

*Tuesday, January 14, 2020 6:15 PM (1h 45m)*

Contribution ID: **31**

Type: **not specified**

## **Acceleration processes and cosmic rays**

*Wednesday, January 15, 2020 9:00 AM (1h 30m)*

**Presenter:** BLASI, Pasquale (GSSI, L'Aquila)



Contribution ID: **32**

Type: **not specified**

## **Gamma-ray instruments**

**Presenter:** MIRZOYAN, Razmick (Max-Planck-Institute for Physics)

Contribution ID: 33

Type: **not specified**

## **EHE charged cosmic rays**

*Wednesday, January 15, 2020 11:00 AM (1h 30m)*

**Presenter:** PIMENTA, Mário (LIP/IST)

Contribution ID: 34

Type: **not specified**

## Accretion and jets

*Wednesday, January 15, 2020 2:00 PM (3h 30m)*

**Presenter:** GHISELLINI, Gabriele (INAF - Osservatorio Astronomico di Brera)

Contribution ID: 35

Type: **not specified**

## Accretion and jets

**Presenter:** GHISELLINI, Gabriele (INAF - Osservatorio Astronomico di Brera)

Contribution ID: 36

Type: **not specified**

## **Third-generation ground-based GW Observatory Network, and the future with LISA**

*Friday, January 17, 2020 9:00 AM (1h 30m)*

**Presenter:** PUNTURO, Michele (PG)

Contribution ID: 37

Type: **not specified**

## **Third-generation ground-based GW Observatory Network, and the future with LISA**

*Friday, January 17, 2020 11:00 AM (1h 30m)*

**Presenter:** PUNTURO, Michele (PG)

Contribution ID: **38**

Type: **not specified**

# **Large-Scale Structure formation and neutrinos in cosmology**

*Friday, January 17, 2020 2:00 PM (3h 30m)*

**Presenter:** VIEL, Matteo

Contribution ID: 39

Type: **not specified**

## **Large-Scale Structure formation and neutrinos in cosmology**

**Presenter:** VIEL, Matteo



Contribution ID: 40

Type: **not specified**

## Public lecture?

Contribution ID: 41

Type: **not specified**

## **Astronomical Observations ( La Mura, Siviero)**

*Tuesday, January 14, 2020 9:00 PM (3 hours)*

Contribution ID: 42

Type: **not specified**

## **Coevolution of SMBHs and their host galaxies**

*Monday, January 20, 2020 1:00 PM (1h 30m)*

**Presenter:** SCHNEIDER, Raffaella (INAF/Osservatorio Astrofisico di Arcetri)

Contribution ID: 43

Type: **not specified**

## **Coevolution of SMBHs and their host galaxies**

*Monday, January 20, 2020 2:45 PM (1h 30m)*

**Presenter:** SCHNEIDER, Raffaella (INAF/Osservatorio Astrofisico di Arcetri)

Contribution ID: 44

Type: **not specified**

# **Hadrons, neutrino astrophysics and its relation with gamma rays**

*Tuesday, January 21, 2020 9:00 AM (1h 30m)*

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

Contribution ID: 45

Type: **not specified**

# Hadrons, neutrino astrophysics and its relation with gamma rays

*Tuesday, January 21, 2020 11:00 AM (1h 30m)*

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

Contribution ID: 46

Type: **not specified**

## **Multi-messenger Astrophysics and neutrinos / The global network of neutrino telescopes**

*Tuesday, January 21, 2020 2:00 PM (1h 30m)*

**Presenter:** BERNARDINI, Elisa (Padova)

Contribution ID: 47

Type: **not specified**

# Multimessenger astrophysics and gravitational waves

*Tuesday, January 21, 2020 4:00 PM (1h 30m)*

**Presenter:** BRANCHESI, Marica (GSGC)



Contribution ID: 48

Type: **not specified**

# Multimessenger astrophysics and gravitational waves

*Wednesday, January 22, 2020 9:00 AM (1h 30m)*

**Presenter:** BRANCHESI, Marica (GSGC)

Contribution ID: 49

Type: **not specified**

## **Sources of gravitational waves: numerical approaches**

*Wednesday, January 22, 2020 11:00 AM (1h 30m)*

**Presenter:** MAPELLI, Michela (Istituto Nazionale di Fisica Nucleare)

Contribution ID: 50

Type: **not specified**

## **Gamma ray emitters and multimessenger signatures of particle acceleration**

*Wednesday, January 22, 2020 2:00 PM (1h 30m)*

**Presenter:** TAVECCHIO, Fabrizio (INAF-)AB)

Contribution ID: 51

Type: **not specified**

## **Gamma ray emitters and multimessenger signatures of particle acceleration**

*Wednesday, January 22, 2020 4:00 PM (1h 30m)*

**Presenter:** TAVECCHIO, Fabrizio (INAF-)AB)

Contribution ID: 52

Type: **not specified**

## **Fitting the spectral energy distribution of blazars (hands-on session)**

*Thursday, January 23, 2020 9:00 AM (1h 30m)*

**Presenter:** TRAMACERE, Andrea (Astronomy Department of the University of Geneva,)

Contribution ID: 53

Type: **not specified**

## **Fitting the spectral energy distribution of blazars (hands-on session)**

*Thursday, January 23, 2020 10:45 AM (1h 30m)*

**Presenter:** TRAMACERE, Andrea (Astronomy Department of the University of Geneva,)

Contribution ID: 54

Type: **not specified**

## Gamma-ray instruments

*Thursday, January 16, 2020 9:00 AM (3h 30m)*

**Presenter:** MIRZOYAN, Razmick (Max-Planck-Institute for Physics)

Contribution ID: 55

Type: **not specified**

## **Hadrons, neutrino astrophysics and its relation with gamma rays**

*Monday, January 20, 2020 4:45 PM (1h 30m)*

**Presenter:** HALZEN, Francis (WIPAC, UW-Madison)



Contribution ID: 56

Type: **not specified**

# The evolution and merger of binary black holes

*Saturday, January 18, 2020 2:00 PM (3h 30m)*

**Presenter:** BARAUSSE, Enrico

Contribution ID: 57

Type: **not specified**

## **Interplay of multimessenger astronomy with fundamental physics**

**Presenter:** JOACHIM, Kopp (JGU)

Contribution ID: 58

Type: **not specified**

# **Interplay of multimessenger astronomy with fundamental physics**

*Thursday, January 16, 2020 1:30 PM (4h 30m)*

**Presenter:** JOACHIM, Kopp (JGU)

Contribution ID: 59

Type: **not specified**

# The evolution and merger of binary black holes

**Presenter:** BARAUSSE, Enrico (Observatoire de Paris, France)

Contribution ID: **60**

Type: **not specified**

## **Multimessenger aspects of reionization epoch**

*Saturday, January 18, 2020 9:00 AM (1h 30m)*

**Presenter:** MESINGER, Andrei (Scuola Normale Superiore Pisa)

Contribution ID: **61**

Type: **not specified**

## **Multimessenger aspects of reionization epoch**

*Saturday, January 18, 2020 11:00 AM (1h 30m)*

**Presenter:** MESINGER, Andrei (Scuola Normale Superiore Pisa)