### **MMSchool Asiago 2020**



### **Report of Contributions**

Contribution ID: 1 Type: not specified

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

Tuesday, 14 January 2020 13:30 (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

LIGO and VIRGO

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

LIGO/VIRGO #2

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, 14 January 2020 16:30 (1h 30m)

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

Contribution ID: 30 Type: not specified

### Reception

Tuesday, 14 January 2020 18:15 (1h 45m)

Contribution ID: 31 Type: not specified

### Acceleration processes and cosmic rays

Wednesday, 15 January 2020 09:00 (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, 15 January 2020 11:00 (1h 30m)

Presenter: PIMENTA, Mário (LIP/IST)

Contribution ID: 34 Type: not specified

#### Accretion and jets

Wednesday, 15 January 2020 14:00 (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, 17 January 2020 09:00 (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, 17 January 2020 11:00 (1h 30m)

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

Contribution ID: 38 Type: not specified

# Large-Scale Structure formation and neutrinos in cosmology

Friday, 17 January 2020 14:00 (3h 30m)

**Presenter:** VIEL, Matteo

Contribution ID: 39 Type: not specified

# Large-Scale Structure formation and neutrinos in cosmology

**Presenter:** VIEL, Matteo

Public lecture?

Contribution ID: 40 Type: not specified

#### **Public lecture?**

Contribution ID: 41 Type: not specified

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

Tuesday, 14 January 2020 21:00 (3 hours)

Contribution ID: 42 Type: not specified

#### Coevolution of SMBHs and their host galaxies

Monday, 20 January 2020 13:00 (1h 30m)

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

Contribution ID: 43 Type: not specified

#### Coevolution of SMBHs and their host galaxies

Monday, 20 January 2020 14:45 (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, 21 January 2020 09:00 (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, 21 January 2020 11:00 (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, 21 January 2020 14:00 (1h 30m)

Presenter: BERNARDINI, Elisa (Padova)

Contribution ID: 47 Type: **not specified** 

### Multimessenger astrophysics and gravitational waves

Tuesday, 21 January 2020 16:00 (1h 30m)

Presenter: BRANCHESI, Marica (GSGC)

Contribution ID: 48 Type: not specified

### Multimessenger astrophysics and gravitational waves

Wednesday, 22 January 2020 09:00 (1h 30m)

Presenter: BRANCHESI, Marica (GSGC)

Contribution ID: 49 Type: not specified

### Sources of gravitational waves: numerical approaches

Wednesday, 22 January 2020 11:00 (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, 22 January 2020 14:00 (1h 30m)

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

Contribution ID: 51 Type: not specified

## Gamma ray emitters and multimessenger signatures of particle acceleration

Wednesday, 22 January 2020 16:00 (1h 30m)

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

Contribution ID: **52** Type: **not specified** 

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

Thursday, 23 January 2020 09:00 (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, 23 January 2020 10:45 (1h 30m)

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

Contribution ID: 54 Type: not specified

### Gamma-ray instruments

Thursday, 16 January 2020 09:00 (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, 20 January 2020 16:45 (1h 30m)

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

Contribution ID: 56 Type: not specified

#### The evolution and merger of binary black holes

Saturday, 18 January 2020 14:00 (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, 16 January 2020 13:30 (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, 18 January 2020 09:00 (1h 30m)

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

Contribution ID: 61 Type: not specified

#### Multimessenger aspects of reionization epoch

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

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