

# **The extreme Universe viewed in very-high-energy gamma rays 2020**

## **Report of Contributions**

Contribution ID: 3

Type: **not specified**

## **Prospects of newly detecting nearby star-forming galaxies by the Cherenkov Telescope Array**

*Thursday, 3 December 2020 16:10 (25 minutes)*

**Presenter:** SHIMONO, Naoya (Univ. of Tokyo)

**Session Classification:** Astrophysics in the CTA Era

Contribution ID: 4

Type: **not specified**

## Status of CTA/LST

*Thursday, 3 December 2020 13:40 (35 minutes)*

**Presenter:** SAITO, Takayuki (ICRR, Univ. of Tokyo)

**Session Classification:** High-Energy Astrophysical Observatory Network

Contribution ID: 5

Type: **not specified**

## **Precise high-energy gamma-ray observations in GRAINE, latest results on 2018 balloon-borne experiment and next/future experiments**

*Thursday, 3 December 2020 15:45 (25 minutes)*

**Presenter:** TAKAHASHI, Satoru (Kobe Univ.)

**Session Classification:** High-Energy Astrophysical Observatory Network

Contribution ID: 6

Type: **not specified**

## **The extreme character of our closest VHE blazars**

*Friday, 4 December 2020 17:00 (35 minutes)*

**Presenter:** PANEQUE, David (MPI)

**Session Classification:** Astrophysics in the CTA Era

Contribution ID: 7

Type: **not specified**

## **Extreme Pulsars: the MAGIC Detection of Geminga**

*Friday, 4 December 2020 19:30 (35 minutes)*

**Presenter:** CERIBELLA, Giovanni (MPI)

**Session Classification:** Astrophysics in the CTA Era

Contribution ID: 8

Type: **not specified**

## **Intergalactic electromagnetic cascades: gamma-ray bursts vs. blazars**

*Friday, 4 December 2020 17:35 (25 minutes)*

**Presenter:** DZHATDOEV, Timur (Moscow State Univ.)

**Session Classification:** Astrophysics in the CTA Era

Contribution ID: 9

Type: **not specified**

## **LHAASO status and its first observational results**

*Thursday, 3 December 2020 14:15 (35 minutes)*

**Presenter:** CAO, Zhen (IHEP, CAS)

**Session Classification:** High-Energy Astrophysical Observatory Network



Contribution ID: **10**

Type: **not specified**

# **Electromagnetic counterparts of neutron star mergers**

*Friday, 4 December 2020 18:00 (35 minutes)*

**Presenter:** HOTOKEZAKA, Kenta (RESCEU, Univ. of Tokyo)

**Session Classification:** Astrophysics in the CTA Era

Contribution ID: 11

Type: **not specified**

## **Fast radio bursts in the era of Cherenkov Telescope Array**

*Friday, 4 December 2020 18:55 (35 minutes)*

**Presenter:** HASHIMOTO, Tetsuya (National Tsing Hua Univ.)

**Session Classification:** Astrophysics in the CTA Era

Contribution ID: 12

Type: **not specified**

## **Separation of the hadronic and leptonic gamma rays in RX J1713**

*Friday, 4 December 2020 20:05 (25 minutes)*

**Presenter:** FUKUI, Yasuo (Nagoya Univ.)

**Session Classification:** Astrophysics in the CTA Era

Contribution ID: 13

Type: **not specified**

## **Neutrino astronomy in the Multimessenger Era with IceCub**

*Thursday, 3 December 2020 15:10 (35 minutes)*

**Presenter:** MEIER, Maximilian (ICEHAP, Chiba Univ.)

**Session Classification:** High-Energy Astrophysical Observatory Network

Contribution ID: 14

Type: **not specified**

## Opening

*Thursday, 3 December 2020 13:00 (5 minutes)*

**Presenter:** YOSHIDA, Tatsuo

**Session Classification:** Opening

Contribution ID: 15

Type: **not specified**

## **The extragalactic background light and prospects for CTA (TBA)**

*Thursday, 3 December 2020 13:05 (35 minutes)*

**Presenter:** MARCO, Ajello (Clemson Univ.)

**Session Classification:** Astrophysics in the CTA Era

Contribution ID: 17

Type: **not specified**

## Closing Remarks

*Friday, 4 December 2020 20:30 (5 minutes)*

**Presenter:** TESHIMA, Masahiro (ICRR & MPI)

**Session Classification:** Closing