

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

Thursday 03 December 2020 - Friday 04 December 2020

Scientific Programme

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

===JST 13:00-16:35 Thursday, Dec. 3, 2020===

13:00-13:05 (5) Opening
Tatsuo Yoshida(Ibaraki Univ.)

Session 1: Astrophysics in the CTA Era (1)
13:05-13:40 (30+5)
"The extragalactic background light and prospects
for CTA"
Marco Ajello (Clemson Univ.)

Session 2: High-Energy Astrophysical Observatory Network (1)
13:40-14:15 (30+5)
"Status of CTA/LST"
Takayuki Saito (ICRR, Univ. of Tokyo)

14:15-14:50 (30+5)
"LHAASO status and its first observational results"
Zhen Cao (IHEP, CAS)

14:50-15:10 (20) Coffee Break

Session 3: High-Energy Astrophysical Observatory Network (2)
15:10-15:45 (30+5)
"Neutrino astronomy in the Multimessenger Era
with IceCube"
Maximilian Meier (ICEHAP, Chiba Univ.)

15:45-16:10 (20+5)
"Precise high-energy gamma-ray observations in GRAINE,
latest results on 2018 balloon-borne experiment
and next/future experiments"
Satoru Takahashi (Kobe Univ.)

Session 4: Astrophysics in the CTA Era (2)
16:10-16:35 (20+5)
"Prospects of newly detecting nearby
star-forming galaxies
by the Cherenkov Telescope Array"
Naoya Shimono□Univ. of Tokyo□

===JST 17:00-20:35 Friday, Dec. 4, 2020===

Session 5: Astrophysics in the CTA Era (3)
17:00-17:35 (30+5)
"The extreme character of our closest VHE blazars"
David Paneque (MPI)

17:35-18:00 (20+5)

"Intergalactic electromagnetic cascades:
gamma-ray bursts vs. blazars"

Timur Dzhatdoev (Moscow State Univ.)

18:00-18:35 (30+5)

"Electromagnetic counterparts of neutron star mergers"

Kenta Hotokezaka (RESCEU, Univ. of Tokyo)

18:35-18:55 (20) Coffee Break

Session 6: Astrophysics in the CTA Era (4)

18:55-19:30 (30+5)

"Fast radio bursts in the era
of Cherenkov Telescope Array"

Tetsuya Hashimoto (National Tsing Hua Univ.)

19:30-20:05 (30+5)

"Extreme Pulsars: the MAGIC Detection of Geminga"

Giovanni Ceribella (MPI)

20:05-20:30 (20+5)

"Separation of the hadronic and leptonic gamma rays
in RX J1713"

Yasuo Fukui (Nagoya Univ.)

20:30-20:35 (5) Closing Remarks

Masahiro Teshima (ICRR & MPI)