

Swiss CTA Day 2022



Report of Contributions

Contribution ID: 1

Type: **not specified**

Opening remarks : Status of CTA in Switzerland

Wednesday 12 January 2022 09:50 (25 minutes)

Presenter: MONTARULI, Teresa (Universite de Geneve (CH))

Session Classification: The CTA Project in Switzerland

Contribution ID: 2

Type: **not specified**

Institutional Welcome and remarks of the vice-Rectrice B. Galliot

Wednesday 12 January 2022 09:30 (20 minutes)

Presenter: Prof. BRIGITTE, Galliot (University of Geneva)

Session Classification: The CTA Project in Switzerland

Contribution ID: 3

Type: **not specified**

CTAO Status

Wednesday 12 January 2022 10:15 (25 minutes)

Presenter: FERRINI, Federico (INFN Sezione di Pisa (INFN))

Session Classification: The CTA Project in Switzerland

Contribution ID: 4

Type: **not specified**

The SERI view and RI Roadmap process

Wednesday 12 January 2022 10:40 (20 minutes)

Presenter: REYMOND, Xavier (State Secretariat for Education, Research and Innovation SERI)

Session Classification: The CTA Project in Switzerland

Contribution ID: 5

Type: **not specified**

Coffee break

Wednesday 12 January 2022 11:00 (25 minutes)

Contribution ID: 6

Type: **not specified**

CTA Computing status

Presenter: SCHLENSTEDT, Stefan (DESY)

Session Classification: The Data and Computing Model and the Data Centres of CTA

Contribution ID: 7

Type: **not specified**

CTAO Offsite Data center

Presenter: NEYROUD, Nadine Gigueux

Session Classification: The Data and Computing Model and the Data Centres of CTA

Contribution ID: 8

Type: **not specified**

Options for CTA and SKA computing at CSCS

Wednesday 12 January 2022 12:35 (25 minutes)

Presenter: Dr PABLO, Fernandez (CSCS)

Session Classification: The Data and Computing Model and the Data Centres of CTA

Contribution ID: 9

Type: **not specified**

Lunch Break

Wednesday 12 January 2022 13:00 (45 minutes)

Contribution ID: **10**

Type: **not specified**

Plans for SKA Data Centre and data analysis in SKA

Presenter: KNEIB, Jean-Paul (EPFL)

Session Classification: The Data and Computing Model and the Data Centres of CTA

Contribution ID: 11

Type: **not specified**

The Large Size Telescope project status

Wednesday 12 January 2022 13:45 (20 minutes)

Presenter: Dr DELLA VOLPE, Domenico (Universite de Geneve (CH))

Session Classification: The Swiss contribution to the Large Size Telescopes of CTA

Contribution ID: 12

Type: **not specified**

The development of technology for the future cameras of LSTs

Wednesday 12 January 2022 14:05 (20 minutes)

Presenter: Dr HELLER, Matthieu

Session Classification: The Swiss contribution to the Large Size Telescopes of CTA

Contribution ID: 13

Type: **not specified**

LST Data analysis based on Machine learning

Wednesday 12 January 2022 14:25 (15 minutes)

Presenter: JURYSEK, Jakub (University of Geneva - Department of Astronomy)

Session Classification: The Swiss contribution to the Large Size Telescopes of CTA

Contribution ID: **14**

Type: **not specified**

Coffee break

Wednesday 12 January 2022 15:30 (25 minutes)

Contribution ID: 15

Type: **not specified**

ACADA

Wednesday 12 January 2022 14:55 (20 minutes)

Presenter: Dr LYARD, Etienne (University of Geneva)

Session Classification: The Swiss Contribution to Array Control and Data Handler (ACADA) and Data Processing Pipeline Software (DPPS)

Contribution ID: **16**

Type: **not specified**

DPPS Calib Pipe

Wednesday 12 January 2022 15:15 (15 minutes)

Presenter: DALCHENKO, Mykhailo (University of Geneva)

Session Classification: The Swiss Contribution to Array Control and Data Handler (ACADA) and Data Processing Pipeline Software (DPPS)

Contribution ID: 17

Type: **not specified**

CTAO Computing and Data Model

Wednesday 12 January 2022 11:25 (20 minutes)

Presenter: SCHLENSTEDT, Stefan (DESY)

Session Classification: The Data and Computing Model and the Data Centres of CTA

Contribution ID: **18**

Type: **not specified**

CTAO offsite Data center

Wednesday 12 January 2022 11:45 (25 minutes)

Presenter: NEYROUD, Nadine Gigueux

Session Classification: The Data and Computing Model and the Data Centres of CTA

Contribution ID: **19**

Type: **not specified**

Synergy between SKA and CTA computing in Switzerland

Wednesday 12 January 2022 12:10 (25 minutes)

Presenter: Prof. KNEIB, Jean-Paul

Session Classification: The Data and Computing Model and the Data Centres of CTA

Contribution ID: **20**

Type: **not specified**

Discussion

Session Classification: The Data and Computing Model and the Data Centres of CTA

Contribution ID: 21

Type: **not specified**

Potential of GPUs for CTA software

Presenters: Dr LYARD, Etienne; DALCHENKO, Mykhailo (University of Geneva)

Session Classification: The Data and Computing Model and the Data Centres of CTA

Contribution ID: 22

Type: **not specified**

New potential of CTA in science

Presenters: BILAND, Adrian (ETH Zurich); Prof. SAHA, Prasenjit (University of Zurich)

Session Classification: The Swiss Contribution to Array Control and Data Handler (ACADA) and Data Processing Pipeline Software (DPPS)

Contribution ID: 23

Type: **not specified**

Results of a new reconstruction likelihood method

Wednesday 12 January 2022 14:40 (15 minutes)

Presenters: Dr EMERY, Gabriel; MONTARULI, Teresa (Universite de Geneve (CH))

Session Classification: The Swiss contribution to the Large Size Telescopes of CTA

Contribution ID: 24

Type: **not specified**

Galactic sources and PeVatrons

Wednesday 12 January 2022 15:55 (15 minutes)

Presenters: Prof. NERONOV, Andrii (APC/EPFL); Dr DELLA VOLPE, Deomenico (University of Geneva)

Session Classification: Some selected science topics

Contribution ID: 25

Type: **not specified**

Variable gamma-ray obscuration in galactic sources

Wednesday 12 January 2022 16:10 (15 minutes)

Presenter: BALBO, Matteo (Université de Genève)

Session Classification: Some selected science topics

Contribution ID: 26

Type: **not specified**

Dark Matter with CTA

Wednesday 12 January 2022 16:25 (15 minutes)

Presenter: Dr ARMAND, Celine (University of Geneva)

Session Classification: Some selected science topics

Contribution ID: 27

Type: **not specified**

TeV Gamma-Ray Bursts

Wednesday 12 January 2022 16:40 (15 minutes)

Presenters: Dr FUKAMI, Satoshi (ETHZ); Dr SAVCHENKO, Volodymyr (EPFL)

Session Classification: Some selected science topics

Contribution ID: **28**

Type: **not specified**

Stellar Intensity Interferometry developments

Wednesday 12 January 2022 16:55 (8 minutes)

Presenter: Prof. SAHA, Prasenjit (University of Zurich)

Session Classification: Some selected science topics

Contribution ID: 29

Type: **not specified**

Delays in blazar lightcurves

Wednesday 12 January 2022 17:18 (15 minutes)

Presenter: Dr SLIUSAR, Vitali (University of Geneva)

Session Classification: Some selected science topics

Contribution ID: 30

Type: **not specified**

CTA/LSTs: Resolving Accretion Disks with Quantum Optics

Wednesday 12 January 2022 17:03 (15 minutes)

Presenter: WALTER, Roland

Session Classification: Some selected science topics