

# **Inaugural Workshop on Applications of Cosmic Ray Measurements**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Origins of Cosmic Ray

*Saturday, 5 October 2019 09:00 (45 minutes)*

**Presenter:** Prof. SEO, Eun-Suk (University of Maryland)

**Session Classification:** Cosmic Ray Measurements

Contribution ID: 2

Type: **not specified**

## **Cosmic Rays and Solar Cycles**

*Saturday, 5 October 2019 10:50 (40 minutes)*

**Presenter:** Prof. MARTENS, Piet (Georgia State University)

**Session Classification:** Cosmic Ray Measurements

Contribution ID: 3

Type: **not specified**

## **Earth Cosmic Ray Shower Simulation (ECRS)**

*Saturday, 5 October 2019 11:30 (40 minutes)*

**Presenter:** Dr SARAJLIC, Olesya

**Session Classification:** Cosmic Ray Measurements

Contribution ID: 4

Type: **not specified**

## **Cosmic Ray Feedback on Astrophysical Systems**

*Saturday, 5 October 2019 09:50 (40 minutes)*

**Presenter:** Prof. PRATT, Jane (Georgia State University)

**Session Classification:** Cosmic Ray Measurements

Contribution ID: 5

Type: **not specified**

## **ASIC chip development for cosmic ray detectors**

*Saturday, 5 October 2019 16:20 (40 minutes)*

**Presenters:** Prof. CHEN, Nan; Prof. WEI, Ting-Cun (Northwestern Polytechnical University)

**Session Classification:** Detector Readout Development

Contribution ID: 6

Type: **not specified**

## **Workshop Planning & Logistics**

*Friday, 4 October 2019 09:00 (10 minutes)*

**Presenter:** Prof. HE, Xiaochun

**Session Classification:** Workshop Opening Session

Contribution ID: 7

Type: **not specified**

## Department of Physics & Astronomy

*Friday, 4 October 2019 09:10 (10 minutes)*

**Presenter:** Prof. LEPINE, Sebastien

**Session Classification:** Workshop Opening Session



Contribution ID: 8

Type: **not specified**

## College of Arts and Sciences

*Friday, 4 October 2019 09:20 (10 minutes)*

**Presenter:** Prof. DEOCAMPO, Dan

**Session Classification:** Workshop Opening Session

Contribution ID: 9

Type: **not specified**

## **Cosmic ray muon flux studies at Belgrade shallow underground laboratory**

*Friday, 4 October 2019 09:30 (50 minutes)*

**Presenter:** Dr VESELINOVIC, Nikola (University of Belgrade)

**Session Classification:** Workshop Opening Session

Contribution ID: **10**

Type: **not specified**

## **Trasgos, toward a new way of measuring cosmic rays**

*Friday, 4 October 2019 10:40 (40 minutes)*

**Presenter:** Prof. GARZON, Juan (Univ. S. de Compostela, Spain)

**Session Classification:** Cosmic Ray Measurements and Applications

Contribution ID: 11

Type: **not specified**

## **A cosmic rays tracking system for the stability monitoring of historical buildings**

*Friday, 4 October 2019 11:20 (40 minutes)*

**Presenter:** Prof. PAGANO, Davide (University of Brescia, Italy)

**Session Classification:** Cosmic Ray Measurements and Applications

Contribution ID: 12

Type: **not specified**

## **Cosmic ray neutron detector development**

*Friday, 4 October 2019 14:00 (30 minutes)*

**Presenter:** Ms BUTLER, Carola (Georgia State University )

**Session Classification:** Detector development

Contribution ID: 13

Type: **not specified**

## **Portable Cosmic Ray Telescope Design and Construction**

*Friday, 4 October 2019 14:40 (30 minutes)*

**Presenter:** SHIRK, James (Georgia State University)

**Session Classification:** Detector development

Contribution ID: 14

Type: **not specified**

## **Engaging the next generation through an international network of radiation and environmental sensors**

*Sunday, 6 October 2019 09:00 (30 minutes)*

**Presenter:** Dr HANKS, Ali (UC Berkeley)

**Session Classification:** STEM and International Collaboration

Contribution ID: 15

Type: **not specified**

## **Opportunities of Cosmic Ray Measurements at Spelman College**

*Sunday, 6 October 2019 09:30 (30 minutes)*

**Presenter:** Dr OAKLEY, Christopher (Spelman College)

**Session Classification:** STEM and International Collaboration



Contribution ID: 16

Type: **not specified**

## **From Physical Principles to Prediction of Water and Energy Fluxes over the Earth Surface**

*Saturday, 5 October 2019 14:40 (30 minutes)*

**Presenter:** Prof. WANG, Jingfeng (Georgia Tech)

**Session Classification:** Detector Readout Development

Contribution ID: 17

Type: **not specified**

## **Universal system of long range radio communication for mobile detectors**

*Saturday, 5 October 2019 15:40 (40 minutes)*

**Presenter:** SMELCERZ, Katarzyna (Cracow University of Technology)

**Session Classification:** Detector Readout Development

Contribution ID: **18**

Type: **not specified**

## **Cosmic ray detector development**

*Friday, 4 October 2019 16:20 (40 minutes)*

**Presenters:** KISTENEV, Edouard (Brookhaven National Laboratory); Dr KISTENEV, Edward (Brookhaven National Lab)

**Session Classification:** Detector development

Contribution ID: 19

Type: **not specified**

## **Outreach activities at GSU**

*Sunday, 6 October 2019 10:00 (20 minutes)*

**Presenter:** Prof. HE, Xiaochun (Georgia State University )

**Session Classification:** STEM and International Collaboration

Contribution ID: 20

Type: **not specified**

## **Building a network of portable cosmic ray detectors around the world**

*Sunday, 6 October 2019 11:10 (1 hour)*

**Session Classification:** STEM and International Collaboration

Contribution ID: 21

Type: **not specified**

## **Tracing the temporal variations of effective temperature in Earth's upper atmosphere with cosmic ray measurements**

*Saturday, 5 October 2019 14:00 (40 minutes)*

**Presenter:** Ms MEENA, Beena (Georgia State University)

**Session Classification:** Detector Readout Development

Contribution ID: 22

Type: **not specified**

## **Cosmic ray telescope readout development**

*Friday, 4 October 2019 15:40 (40 minutes)*

**Presenter:** Mr SYED, Sawaiz (Georgia State University)

**Session Classification:** Detector development

Contribution ID: 23

Type: **not specified**

## **The Trasgo project: Past, Present and Future**

*Sunday, 6 October 2019 10:40 (30 minutes)*

**Presenter:** Prof. GARZON, Juan

**Session Classification:** STEM and International Collaboration