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