

Session Program

5-9 Sept 2016



**9th International Workshop on Ring Imaging
Cherenkov Detectors (RICH 2016)**

Cherenkov detectors in astroparticle physics

Bled, Slovenia
Hotel Kompas

Wednesday 7 September

10:30

Cherenkov detectors in astroparticle physics: I

Session | **Location:** Bled, Slovenia, Hotel Kompas | **Conveners:** Gregory Hallewell, Werner Hofmann

10:30-10:55 **THE RICH DETECTOR OF AMS-02: 5 YEARS OF OPERATION IN SPACE**

Speaker

Hu Liu

10:55-11:20

Upgrading the water Cherenkov tanks for atmospheric shower identification

Speaker

Prof. Pierre Billoir

11:20-11:45

The Tunka Cherenkov Experiment: Past, Present and Future

Speaker

Dr Bayarto Lubsandorzhev

11:45

Thursday 8 September

08:30

Cherenkov detectors in astroparticle physics: II

Session | **Location:** Bled, Slovenia, Hotel Kompas | **Convener:** Gregory Hallewell, Werner Hofmann

08:30–08:55

A digital FDIRC prototype for isotopic identification in astroparticle physics

Speaker

Jung-Eun Suh

08:55

09:35

Cherenkov detectors in astroparticle physics: III

Session | **Location:** Bled, Slovenia, Hotel Kompas | **Convener:** Werner Hofmann, Gregory Hallewell

09:35–10:00

Very high energy gamma-ray astronomy with HAWC

Speaker

Dr Ruben Lopez-Coto

10:00

10:30

Cherenkov detectors in astroparticle physics: IV

Session | **Location:** Bled, Slovenia, Hotel Kompas | **Convener:** Gregory Hallewell, Werner Hofmann

10:30–10:55

Neutrino astronomy at the South Pole: latest results from the IceCube neutrino observatory and its future development.

Speaker

Simona Toscano

10:55–11:20

The SNO Experiment

Speaker

Neil Kevin Mccauley

11:20–11:45

FACT - Experience from more than 4.5 years of operation of the first SiPM camera

Speaker

Dominik Neise

11:45–12:10

The GCT Camera for the Cherenkov Telescope Array

Speaker

Jon Lapington

12:10

13:30

Cherenkov detectors in astroparticle physics: V

Session | **Location:** Bled, Slovenia, Hotel Kompas | **Convener:** Gregory Hallewell, Werner Hofmann

13:30–13:55

Cherenkov light detection in underwater neutrino telescopes: technology and results of ANTARES and KM3NET

Speaker

Simone Biagi

13:55-14:20

Super-K upgrade and Hyper-Kamiokande

Speaker

Shoei Nakayama

14:20-14:45

Results of the first detection units of KM3NeT

Speaker

Dr Simone Biagi

14:45-15:10

Performance Verification of the FlashCam Prototype Camera for the Cherenkov Telescope Array

Speaker

Felix Werner

15:10

15:40

Cherenkov detectors in astroparticle physics: VI

Session | **Location:** Bled, Slovenia, Hotel Kompas | **Conveners:** Silvia Dalla Torre, Eugenio Nappi

15:40-16:05

Research and Development Studies on a Silicon Photomultiplier based Camera for Imaging Atmospheric Cherenkov Telescopes

Speaker

Cornelia Arcaro

16:05