



# AtmoHEAD 2018

## Tuesday, September 25, 2018

### analysis techniques and instruments (9:30 AM - 11:00 AM)

-Conveners: Martin Will

time	[id] title	presenter
9:30 AM	[7] 12 years of aerosol profile measurements at the Pierre Auger Observatory with CLF and XLF	Dr VALORE, Laura
10:00 AM	[8] Atmospheric Monitoring at a Cosmic Ray Observatory – a long-lasting endeavour	Dr KEILHAUER, Bianca
10:30 AM	[17] Atmospheric monitoring with the Fluorescence detector Array of Single-pixel Telescopes	Dr MANDAT, Dusan

### analysis techniques and instruments (11:30 AM - 1:30 PM)

-Conveners: Martin Will

time	[id] title	presenter
11:30 AM	[11] The Auger Raman Lidar: several years of continuous observations.	RIZI, Vincenzo
12:00 PM	[12] The Raman LIDAR for the pre-production phase of CTA.	Mr IARLORI, Marco
12:30 PM	[14] The IFAE/UAB Raman LIDAR for the CTA-N	Dr GAUG, Markus
1:00 PM	[27] Optimization of the lidar optical design for measurement of the aerosol extinction vertical profile.	Dr SANNINO, Alessia

### analysis techniques and instruments (3:00 PM - 4:30 PM)

-Conveners: Vincenzo Rizi

time	[id] title	presenter
3:00 PM	[1] Monitoring of Night Sky UV Radiation by One-pixel Detector	Dr MACKOVJAK, Simon
3:30 PM	[20] New developments in aerosol measurements using stellar photometry	Dr EBR, Jan
4:00 PM	[21] FRAM telescopes and their measurements of aerosol content at the Pierre Auger Observatory and at future sites of the Cherenkov Telescope Array	Dr JANECEK, Petr

### analysis techniques and instruments (5:00 PM - 6:30 PM)

-Conveners: Vincenzo Rizi

time	[id] title	presenter
5:00 PM	[28] Development of a High Spectral Resolution Lidar for day-time measurements of aerosol extinction.	Dr SANNINO, Alessia
5:30 PM	[6] Atmospheric monitoring using the Cherenkov Transparency Coefficient for the Cherenkov Telescope Array	Mr STEFANIK, Stanislav
6:00 PM	[16] Aerosol Optical Depth from MODIS satellite data above the Pierre Auger Observatory	Dr BORODAI, Nataliia