

## Preface

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The AtmoHEAD (ATMospheric MONitoring for High Energy Astroparticle Detectors) conference, Olomouc 12–14 September, 2016 was organized by the Palacky University Olomouc and the Institute of Physics of Academy of Sciences of the Czech Republic. The event follows the tradition of previous AtmoHEAD conferences – AtmoHEAD 2013 and 2014 in Saclay and Padova and ATMON 2008 and 2010 in Prague and Madison, and the first Astroparticles and Atmosphere (AA) conference held in 2003 Paris.

AtmoHEAD is a periodic 3-day international workshop on atmospheric monitoring and calibration for high-energy astroparticle detectors and experiments, with a view towards next-generation facilities. In total 24 talks (<https://indico.cern.ch/event/536683/>) were given this time in Olomouc covering wide field of various urgent topics from running experiments including the Pierre Auger Observatory, Telescope Array, H. E. S. S., MAGIC, HiGRO, IceAct. Emphasis was given also to plans for atmospheric monitoring of future observatories like CTA and EUSO as well as to discussions addressing common needs of the whole community. Talks were given by prominent experts from 8 countries and 3 continents all over the world.

The organizers of the event wish to thank to all the speakers and to all authors of the proceedings.

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*Conference photo by Dušan Mandát*