



AMS User Workshop Köln – November 9th and 10th, 2007

Session on Applications in Nuclear Astrophysics

Mathematisch-
Naturwissenschaft-
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Dear colleagues,

a new 6 MV High Performance Accelerator Mass Spectrometer will be installed at the Institute of Nuclear Physics at Cologne University. We are presently in the final specification phase, scheduled start of operation is mid 2010. The AMS machine will mainly be used to study cosmogenic nuclides for applications in the geosciences (e.g. climate research), however, a considerable part of the beamtime will be available for nuclear physics.

During the AMS User Workshop (the second circular will be send around soon) various fields will present their ideas to use the new accelerator, one overview talk is devoted to Applications of AMS in Nuclear Astrophysics. This “regular” workshop starts on November 9th at 1 p.m. with a talk on the present machine layout and an overview about the organizational structure of the facility. The workshop ends on November 10th around 3 p.m.

I would like to start a special session on Applications in Nuclear Astrophysics already at 10:00 a.m. on November 9th. A few short contributions (15 min + 5 min) will be followed by an open discussion and lunch.

Please let me know as soon as possible if you are able to come and join this “exploratory” phase of the Cologne AMS facility. Do not hesitate to contact me for any further details and/or hotel accomodation, maybe we could already have a “Kölsch” together in the evening of November 8th.

I am looking forward to meeting you in Cologne!

Yours sincerely

Andreas Zilges