

EUROPEAN STRATEGY FOR ASTROPARTICLE PHYSICS

Collège de France, Paris
21st-22nd of November 2011.

Astroparticle physics stands today on the threshold of an era of discovery, with a new generation of proposed instruments that will deliver scientific breakthroughs based on enhanced sensitivity and resolution. While the scientific prospects for the future are exciting, it is important to ensure that this potential is fully realised via a corresponding effort in the domain of science policy.

In Europe, ASPERA (Astroparticle Physics European Research Area) produced a strategy for Astroparticle Physics that described the status and perspective of the field within Europe, and link the field to activities in other parts of the world.

Since Astroparticle Physics is such a rapidly growing dynamical field, new results, progress in technology readiness as well as roadmapping exercises in other parts of the world have refined the research landscape. For this reason, ASPERA-2 has charged the Science Advisory Committee to produce an update of the previous document. The new roadmap, entitled "European Roadmap for Astroparticle Physics <<http://www.aspera-eu.org/images/stories/roadmap/SAC-Roadmap-14-7-2011.pdf>>", will be presented on the 21st and 22nd of November 2011 in Paris at the Collège de France <http://www.aspera-eu.org/index.php?option=com_content&task=view&id=520&Itemid=226>.

The workshop will also be an opportunity to discuss how the priorities of European Astroparticle Physics are embedded in the European Large Infrastructure policy (ESFRI, CERN, ESO, ASTRONET, etc.), what synergies with applied disciplines have and can be developed (e.g. geological, environmental and biological sciences), as well as issues related to computing and industrial transfer actions.

It will above all be an opportunity to discuss with agency leaders from other regions of the world, the respective priorities and methods of coordination that started in the framework of the Astroparticle Physics International Forum (APIF).

The program of the talks can be found here <http://www.aspera-eu.org/index.php?option=com_content&task=view&id=519&Itemid=225>.

This event is free and open to everyone, but registration <<https://indico.cern.ch/conferenceDisplay.py?confId=152693>> is required.

For any questions or requests, contact the Roadmap Workshop Organization Committee at the following email address: iagrafioti [at] admin.in2p3.fr.

A press briefing will be organised (date to be confirmed). For more information and media registration, please contact Arnaud Marsollier at arnaud.marsollier [at] cern.