

January 2016

In 2016, the <u>Astroparticle Physics European Consortium</u> (APPEC) plans a new roadmap for astroparticle physics in Europe. <u>We invite you to a town meeting</u> at the Grand Amphithéatre de Sorbonne in Paris on 6 and 7 April 2016 to discuss an update of the <u>2011 APPEC Astroparticle</u> <u>Physics roadmap</u>, to be published in September 2016.

In 2014, APPEC decided to launch an update of the 2011 Roadmap, transforming it to a "resource aware" roadmap. The intention was to gauge the financial impact of the beginnings of operation of the large global scale observatories put forward in the previous roadmap and to examine the possibilities of international coordination of future global initiatives. The APPEC Scientific Advisory Committee examined the field and prepared a set of recommendations. Based on these recommendations, the APPEC General Assembly drafted a set of "considerations" to be published by end of February 2016 and be debated in an open dialogue with the community, through the web page but primarily at the town meeting of 6-7 April. Based on this debate the final recommendations of APPEC will appear by September 2016.

During the 6-7 April meeting, there will be presentations and discussions around the nine subdomains of astroparticle physics separated in four larger topics (Early Universe, Dark Universe, Neutrinos and High Energy Universe). At the end of the first day, Nobel laureate 2015 T. Kajita will give a general public talk on neutrino physics. The town meeting will close with a round table discussion, including presentations comments and discussions with non-European international agencies.

There is no participation fee for the meeting but registration is obligatory.



RECENTLY IN THE NEWS:

- <u>Euclid dark universe mission passes preliminary design review</u> ESA Sci Tech website, 17 December 2015
- MAGIC observations: very high energy gamma rays from the Universe's middle age MAGIC telescopes website, and Astrophysics Journal Letters, December 2015
- How aircraft were used for nanosecond-level time calibration of the Auger Engineering
 Radio Array
 Pierre Auger Observatory, and arxiv, January 2015

Please send news or event items for inclusion to <u>Ruth McAvinia, APPEC Communications and Outreach</u> <u>Coordinator</u>, based at STFC.

EVENTS & MEETINGS:

- INSTITUTE OF PHYSICS JOINT HIGH ENERGY PARTICLE PHYSICS AND ASTROPARTICLE PHYSICS MEETING Brighton, 21 March 2016
- APPEC TOWN MEETING EUROPEAN ASTROPARTICLE PHYSICS ROADMAP
 Paris, Grand Amphitheatre de Sorbonne, 6 & 7 April, 2016