WP0 – MANAGEMENT

The kick-off meeting was held in Bornio in Februray the 22th.

The GANAs web page has been updated and summaries of the progress in different WP have been uploaded in a documentary report.

The aims of GANAS and the different work packages (WP) are shown in an anagram displayed in the "organization" label. It is in "internal resports" where the administrator will update every time he receives information of any advance that any organization member has informed. He will sum up as well all the advances developed at the end of the term, taking much care of notifying only these advances without revealing any novel invention that will be patented or that is a secret due to the collaborating companies.

Fig1. GANAS Web page http://www.targisol.csic.es/ganas/

The management team is supervising and making sure that the results obtained and other information important for the work of the WPs are distributed and made known to all partners. The management team will also ensure that the results are disseminated to the broader scientific community and to the public via appropriate channels. The milestones have been fulfilled and relevant reports were received from the individual WPs.

The R3B meeting http://161.111.23.177/r3bmeeting/ held in Madrid (10-14 December 2012) offered a great amount of novel ideas. Several different subjects were discussed, like: Advances in APDs, Scintillator materials, silicon photomultipliers, analytical methods to study the signal response, advance in n-gamma separations and particle identification in homogeneous scintillators, hardware implementation and experimental tests of PSA codes for the relevant Phoswich detectors, improvements in DAQ and signal processing, simulation of light transport inside large volume detectors, develop of more efficient hit position finder algorithms, design of large volume scintillator and

hybrid detector demonstrator like the end cap CEPA of CALIFA, experimental tests in different facilities like GSI to test scintillator detectors with gamma radiation and protons of high energy, tests of Phoswich detectors of LABe+LaCl or LaBr + NaI crystal arrays, simulation of gamma cascades and reaction (p, 2p) with large volume and hybrid detectors, etc. and allowed for discussions and to take advantage of the expertise of each institute in a coordinated way.

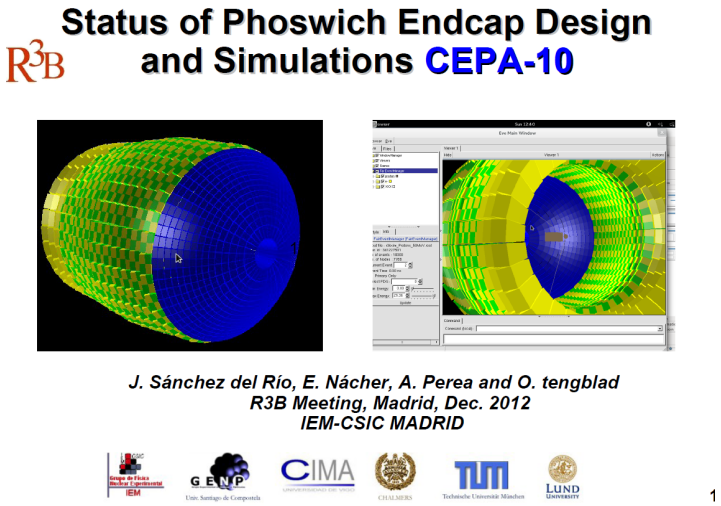

Fig 2. Presentation of the status endcap design and simulations in R3BMeeting held in Madrid, Dec, 2012 http://161.111.23.177/r3bmeeting/

Results have been presented at other schools and meetings, like the International Scientific Meeting on Nuclear Physics held in La Rábida, Huelva, Spain (9th-13th sept. 2013) or the EFN2012 in the same place (14-16 Sept. 2013), which have contributed to disseminate to the broader scientific community some of actual advances in nuclear physics topics that are related to GANAS, more specially topics based on time response of the CeBr3 crystals, non proportionally study in single crystals scintillators and the Phoswich scintillator for gamma and proton detection.

The next collaboration meeting will be held July 4th 2013 at IFJ PAN Krakow.