

REPORT OF THE ACTIVITIES OF COMMISSION C12 2011

IUPAP CC&C Meeting London 30 October-15 November 2011

Dan-Olof Riska/chair

1. C12 Annual Meeting in Cambridge 25 July 2011

The annual meeting of commission C12 was held at Massachusetts Institute of Technology on 25 July in Cambridge, Massachusetts. The meeting followed the annual meeting of the IUPAP Working group 9 on International Cooperation in Nuclear Physics, which reports separately. The minutes of the annual meeting are appended to this report.

At the annual meeting the Commission considered the proposed restructuring of Working group 4 on the field of particle and nuclear astrophysics, gravitation and cosmology (PANAGIC) that was motivated on the one hand by the report by the chair of PANAGIC to the C&CC meeting in Delhi on 5 November 2010 and on the other hand by the letter by the co-chairs of the Global Science Forum working group on Astroparticle physics. The Commission approved of the plan to separate astrophysics from gravitational wave physics so that the existing independent Gravitational Waves International Committee (GWIC) becomes a separate IUPAP Working Group and that a new working group on Astroparticle physics APPIC be set up, but under the condition that Nuclear astrophysics be included in the remit of APPIC.

The commission reaffirmed its candidates for the renewal of the IUPAC-IUPAP Joint working group on evaluation and adjudication of superheavy elements. The proposed candidates have been communicated to the chief executive of IUPAC, Dr. Terry Renner, by the IUPAP President-designate Cecilia Jarlskog. The commission proposes that the members of the joint working group be given time limited mandates from now on.

2. Conferences in 2011

IUPAP provided sponsorship for 1 category A, 2 category B and 2 category C conferences and symposia in the field of nuclear physics in 2011.

3. Conference recommendations for 2012

Commission C12 has requested IUPAP sponsorship for 1 category A, 4 category B and 4 category C conferences and symposia in 2012. One of the category B conferences was given preapproval at the C&CC meeting in Delhi on 5 November 2010.

4. Proposed composition of C12 for 2012-2014

Commission C12 has made a recommendation to the General assembly for the composition of C12 during the period 2012-2014. The proposed composition has 9 members and officers of the commission in 2009-2011, who continue as members or officers and 5 members chosen from the nominations made by the National liason committees.