

## **Report of Commission C13 - Physics for Development Period: November 2015 - October 2016**

### **1. Annual meeting**

The C13 Commission held its annual meeting in Trieste, Italy on 27 August 2016.

### **2. Inaugural IUPAP C13 Medal**

Following approval by the Council in 2015, the call for nominations for the first *IUPAP Medal for Outstanding Contributions to the Enhancement of Physics in Developing Countries* was issued and advertised on the IUPAP web site in March, with deadline on 31 July 2016. A subcommittee of C13 evaluated the nominations and presented them at the C13 meeting in Trieste. C13 approved the winner of the Medal and decided to announce the name of the winner right after the C&CC meeting. The Medal winner will receive the award during the convening of the 2017 IUPAP General Assembly, where the recipient will be invited to present a paper on the work upon which the Medal selection was made.

### **3. ICSU Grant proposal and collaboration with IUCr**

C13 lead the preparation of a proposal for an ICSU grant on "*Utilisation of Light Source and Crystallographic Sciences to Facilitate the Enhancement of Knowledge and Improve the Economic and Social Conditions in Targeted Regions of the World*". The proposal was submitted by the IUPAP President to ICSU by the deadline of 1<sup>st</sup> October. The proposal is co-lead by IUPAP and IUCr and is supported by IUMRS, UNESCO, ICTP, EPS, AAPPS, and many synchrotron light sources worldwide. C13 feels that there is a high degree of overlap between physics and crystallography, between IUPAP and IUCr, and with IUCr available resources (e.g. OPENLAB), particularly in view of the dissemination initiatives that IUCr is currently undertaking in the developing world.

### **3. Conferences / African School Series**

C13 sponsored in 2016 three conferences/schools:

- 1) *Entrepreneurship for Scientists and Engineers*, Maharaja Sayajirao University of Baroda, India, 19–21 September 2016
- 2) *4<sup>th</sup> Biennial African School of Fundamental Physics and Applications (ASFPA)*, 01 – 19 August 2016, Kigali, Rwanda.
- 3) *4<sup>th</sup> African School on Electronic Structure Methods and Applications (ASESMA)*, 12 – 25 June 2016, University of Ghana, Legon-Accra.

### **4. Contacts with other commissions / institutions**

AC4 (Medical Physics) – Sandro Scandolo (C13) as associate member of AC4  
WG5 (Women in Physics) – Lilia Mesa-Montes (WG5) as C13 associate member  
C14 (Physics Education) – Gorazd Planinšič (C14) as C13 associate member  
C12 (Nuclear Physics) -- Claes Fahlander (C12) as C13 associate member  
EPS – C. Iorio (EPS for Development) is also a C13 member  
IUCr co-leads and IUMRS, UNESCO, AAPPS support ICSU proposal

Sandro Scandolo, C13 Chair  
12 October 2016