

C4 activities for the period from November 2018 to August 2019

- (1) During this period several meetings of C4 members were held through video conference primarily in connection with the preparations for the 36th International Cosmic Ray Conference (ICRC) held in Madison, Wisconsin, USA.
- (2) C4 had set up of a total of seven International Scientific Program Committees (ISPCs) in each sub-area of topics covered during the 36th ICRC. The members who served on the ISPCs were drawn from 16 different countries and 25% were female scientists.
- (3) Six awards (three for young and remaining three for senior scientists) were presented during the inaugural session of the 36th ICRC on 25 July 2019. The young winners (2 IUPAP YSP and Duggal prize) were all females (Drs. Siyao Xu, Anna Nelles, Irene Temborra). Recipients of the O' Ceallaigh Medal, Yodh Prize and TIFR/IUPAP Bhabha Award were Profs. Piergiorgio Picozza, Francis Halzen and Takaaki Kajita, respectively.
- (4) Three IUPAP best poster awards that included a certificate and a cash prize of Euro 300 each were won by Drs. Gwenhael de Wasseige, Elisa Resconi, Vanessa Lopez-Barquero, remarkably all three were females.
- (5) Due to visa issues a number of Russian and Chinese scientists could not come to Madison. To ameliorate this situation we had requested the Local Organizing Committee to [live-stream](#) the plenary sessions which was done on all 7 days of the ICRC. This was a successful experiment and colleagues from all over the globe could watch plenary sessions live with high-quality reception. The sessions have been archived so that they can be watched up to [3 months](#) after the conference ended after a simple log in. Plans are afoot to archive them permanently.
- (6) There were more than 800 registered participants from 39 countries. A total of 35 plenary talks were delivered and a record 43% of them by female colleagues. I was informed that females were about 25% of registered participants.
- (7) C4 has recommended 2 international and 1 regional series of conferences for IUPAP sponsorship and financial support including the 21st International Symposium on Very High Energy Interactions (ISVHECRI-2020) in June 2020 in Ooty, India, the 9th Very Large Volume neutrino Telescope (VLVnT-2020) Workshop in September 2020 in Valencia, Spain and European Cosmic Ray Symposium in The Hague in 2020.
- (8) IUPAP guidelines against harassment were strictly followed during 36th ICRC and to our relief no report of harassment of any kind was received. This will be followed in all future IUPAP sponsored conferences.
- (9) During the 36th ICRC three meetings of C4 were held on 24, 27 and 31 July, respectively. Issues pertaining to conduct of ICRC, selection of poster award winners. Osaka was selected as the venue for 38th ICRC to be held in 2023 from three bids received. 37th ICRC will be held in Berlin in July 2021.
- (10) During 2019, IUPAP sponsored 3 conferences recommended by C4, including the 36th ICRC (25 July - 1 August 2019), Topics in Astroparticle and Underground Physics (TAUP, 9-13 September 2019) in Toyoma, Japan, and Tera-electron Volt Particle Astrophysics (TeVPA, 2-6 December 2019) in Sydney, Australia.

