

## **International Commission on Physics Education (C14) Activity Report (Nov.-Oct. 2016)**

### **Officers/Members (2014-2017)**

Chair: Hideo Nitta (Japan)  
Vice-Chair: Leoš Dvůrák (Czech Republic)  
Secretary: Zulma Gangoso (Argentina)  
Members: Qiang Chen (China)  
Jayashree Ramadas (India)  
David Sands (United Kingdom)  
Eilish McLoughlin (Ireland)  
Dmitry Khokhlov (Russian Federation)  
Deena Naidoo (South Africa)  
Roberto Nardi (Brazil)  
Lotten Glans (Sweden)  
Priscilla Laws (United States)  
Ian Bearden (Denmark)  
Gorazd Planinšič (Slovenia)

### **Conference**

The Second World Conference on Physics Education (2<sup>nd</sup> WCPE 2016) was held on July 10-15 at the University of São Paulo, Brazil (<http://wcpe2016.org/en/>). The conference theme was "Contemporary Science Education and Challenges in the Present Society: perspectives in Physics Teaching and Learning". The conference was jointly organized and supported by IUPAP through C14, GIREP (Groupe International de Recherche sur l'Enseignement de la Physique) and MPTL (the Multimedia in Physics Teaching and Learning group) and endorsed by AAPT (American Association of Physics Teachers), LAPEN (Latin American Physics Education Network) and ASPEN (the Asian Physics Education Network). The 3<sup>rd</sup> WCPE had 382 participants, 117 oral presentations, 131 poster presentations, and 6 workshops. 135 participants came from outside Brazil.

### **ICPE Medal**

We finally resolved "the ICPE Medal using-up" problem we had faced in these years. Roberto Nardi is thanked for his efforts to find a very good medal factory for reproduction within the reasonable price that we can afford. We reproduce 20 medals. At WCPE in São Paulo Professor Kaihua Zhao (China) was awarded the first reproduced ICPE Medal in recognition of his sustained efforts in physics education over more than a half century, both domestically and internationally.

## **Annual ICPE face-to-face meeting**

The annual ICPE commission meeting was held on July 15, 2016, immediately after the closing of the WCPE 2016 conference in São Paulo. Unfortunately, only a few members could attend the meeting. Some important agenda discussed were:

### 1) Future conferences

#### *GIREP-ICPE-EPEC 2017:*

The planned 2017 conference supported by IUPAP and C14 is "GIREP-ICPE-EPEC 2017: Sharing research and practice in Physics Teaching and Learning" on 3 (Mon.)-7 (Fri.), July 2017 in Dublin, Ireland. Conference website is: <http://www.girep2017.org>

IUPAP sponsorship has been requested.

#### *ICPE 2018:*

C14 approved unanimously to the proposal from Deena Naidoo to organize 2018 International Conference on Physics Education in Johannesburg, South Africa. The date has not been fixed yet. IUPAP sponsorship for the conference will be submitted.

### 2) ICPE Newsletter

C14 will publish ICPE Newsletter soon which will be edited by the new editor, Manjula Sharma (Associate Member of C14). The style of the ICPE Newsletter will become simpler but more dynamic.

### 3) Cooperation of ICPE with other bodies/organizations

#### *Cooperation with the Women in Physics:*

Though this subject will be discussed more intensively in the future meeting, C14 has asked the local organizing committee of the 2017 conference on physics education (Dublin) to consider organizing a workshop in cooperation with the Commission of Women in Physics.

#### *Cooperation with GIREP:*

It was confirmed that the cooperation with GIREP must be enhanced, such as co-organizing international conferences.

### 4) Next ICPE commission meeting

Afternoon of 7th July, 2017 in Dublin (to be confirmed).

Submitted by Hideo Nitta (C14 Chair)

October 3, 2016