

IUPAP Commission on Biological Physics (C6)

Report on Activities from March 2018 to October 2018

Ramin Golestanian, C6 Chair

Jeff Gore, C6 Vice Chair

Masaki Sasai, C6 Secretary

1. C6 Membership (2017-2020)

| Name | Country | Roles | Terms |
|--------------------------------|----------------|------------|--------------------|
| Ramin Golestanian | United Kingdom | Chair | (2017)(2014)(2011) |
| Jeff Gore | United States | Vice Chair | (2017)(2014) |
| Masaki Sasai | Japan | Secretary | (2017)(2014) |
| Marcia Barbosa | Brazil | Member | (2017) |
| Debashish Chowdhury | India | Member | (2017) |
| Reza Ejtehadi | Iran | Member | (2017) |
| Hans-Joachim Galla | Germany | Member | (2017) |
| Ming Li | China | Member | (2017)(2014) |
| Suliana Manley | Switzerland | Member | (2017) |
| Vladimir Nekorkin | Russian | Member | (2017) |
| Juan Manuel Rodriguez Parrondo | Spain | Member | (2017) |
| Bryan Trevor Sewell | South Africa | Member | (2017)(2014) |
| Joanna Trylska | Poland | Member | (2017) |
| Francoise Brochard Wyart | France | Member | (2017)(2014) |

2. Associate Membership

We discussed suitable nominations of associate members and agreed on inviting M. Cristina Marchetti from C3 Commission on Statistical Physics, and John Damilakis from AC4 Commission on Medical Physics to the commission as associate members. Ramin Golestanian is asked to be associate member of AC4 commission.

3. Joint EBSA-IUPAP ICBP2019 in Madrid, Spain

Preparation for the 10th IUPAP International Conference on Biological Physics (ICBP2019) is well underway. ICBP is the major event of the Commission on Biological Physics, covering the entire field of Biological Physics. The ICBP2019 is jointly organized with the European Biophysical Societies Association (EBSA) and will take place in 20-24th July 2019 in Madrid, Spain. More than 1000 participants from diverse world-wide areas are expected. Professor Juan Manuel Rodríguez Parrondo from Universidad Complutense in Madrid, who is member of C6, is organizing ICBP2019 together with the EBSA Vice President Prof. Jesus Perez-Gil. Plans for the satellite conferences were also discussed among C6 members. We are currently in the process of finalizing the symposia and finding representative members of both communities to act as chairs, to ensure a good synergy between the two organizations. This is a very exciting development as it is the first time that two historically separated communities that represent different parts of the spectrum of this interdisciplinary field join up forces to have an active participation in bridging the barriers amongst them.

4. The IUPAP C6 Young Scientist Prize in Biological Physics

We are now seeking nominations for the IUPAP C6 Young Scientist Prize, which recognizes exceptional achievements of scientists in the field of Biological Physics at a relatively junior stage of their career. The recipient must be no more than eight years post PhD (excluding career interruptions) by the deadline of the competition, is expected to have demonstrated significant scientific achievements and displays exceptional promise for future achievements in Biological Physics. Two winners will be considered for the prize of 2019 (one prize per year 2018–2019), which will be collectively presented at the 10th international conference in biological physics, to be held in Madrid, Spain July 20 – 24, 2019.