



Search

Go

[HOME](#) [ABOUT US](#) [NEWS](#) [GENERAL ASSEMBLY](#) [MEMBERS & LIAISONS](#) [AWARDS](#) [COMMISSIONS](#)
[PUBLICATIONS](#) [BECOMING A MEMBER](#) [EXECUTIVE COUNCIL](#) [CONFERENCES](#) [WORKING GROUPS](#)
[INTER-UNION REPRESENTATIVES](#) [NEWSLETTER](#)


C20: AWARDS

IUPAP Young Scientist Prize in Computational Physics

- 2015 – **Dr. Wei-Min Wang**, Institute of Physics, Chinese Academy of Sciences (CAS), Beijing, China
 For his significant achievements in computational plasma physics with applications to advanced schemes of inertial confined fusion and novel laser-plasma based particle accelerators and radiation sources.
- 2014 – **Professor Mathieu Salanne**, Université Pierre et Marie Curie, Paris
 For the development of appropriate methods to allow realistic atomistic simulation of molten salts and ionic liquids in situations of relevance to electrochemistry.”
- 2013 – No award
- 2012 – **Professor Roger Melko**, Department of Physics and Astronomy, University of Waterloo, Canada
 For his innovative and deep achievements in developing quantum Monte Carlo methods for quantum information theory and condensed matter physics.
- 2011 – **Professor Stefano Curtarolo**, Department of Mechanical Engineering and Materials Science and Department of Physics, Duke University

In this section

[All IUPAP Commissions](#)
[C20: Computational Physics](#)
[C20: Mandate](#)
[C20: Members](#)
[C20: Reports](#)
[C20: Meetings](#)
[C20: Awards](#)
[C20: News](#)
[C20: Commission Information](#)

For pioneering high-throughput combinatorial computational materials science, for the creation of on-line materials development techniques, and for the development of thermodynamic models for nano-catalysts.

- 2010 – **Professor, Dr. Philipp Werner**, Institute for Theoretical Physics, ETH Zurich

For the development and implementation of quantum Monte Carlo methods which have transformed the study of interacting electrons in solids.

- 2009 – **Dr. Amanda S. Barnard**, CSIRO Materials Science & Engineering, Australia

- 2008 – **Dr. Naoki Yoshida**, Department of Physics, Nagoya University

- 2007 – **Professor Stefano Sanvito**, School of Physics, Trinity College in Dublin

Please send updated information and corrections to the [IUPAP Administrator](#).

[PRIVACY AND COOKIES](#) [TERMS AND CONDITIONS](#) [DISCLAIMER](#) [COPYRIGHT](#) [CONTACT US](#)

[ARCHIVE OF OLD IUPAP WEBSITE](#) [SITEMAP](#)