

# CCP2019

## 31st IUPAP Conference on Computational Physics

July 28 – August 1, 2019 | The Chinese University of Hong Kong, Hong Kong SAR

### IMPORTANT DATES

Abstract Submission Deadline – Extended to June 1, 2019

Abstract Acceptance Notification – By June 14, 2019

Registration Deadline – Extended to June 28, 2019

### Chair

Junyi Zhu (CUHK)

### Vice Chair

Rui-Qin Zhang (City U HK)

### PLENARY SPEAKERS

Jesús Carrete Montaña (TU Wien)  
Chi-Kwan Chan (University of Arizona)  
Garnet K. Chan (California Institute of Technology)  
Manfred Krafczyk (TU Braunschweig)  
Jean-Pierre Leburton (UIUC)  
Feng Liu (University of Utah)  
Matthias Scheffler (Fritz-Haber-Institut der MPG)  
Michel A. Van Hove (HK Baptist University)  
Francisco Villaescusa-Navarro (Flatiron Institute)  
Xiangang Wan (Nanjing University)  
Xiaoqun Wang (Shanghai Jiao Tong University)  
Suhuai Wei (CSRC Beijing)  
Tao Xiang (Institute of Physics, CAS)  
Weitao Yang (Duke University)

### TOPICS

- Algorithm development
- Astrophysics
- Computational physics education
- Earth system, climate and environmental modeling
- Fluid dynamics
- Lattice field theory in particle and nuclear physics
- Materials physics
- Novel hardware and software paradigms
- Quantum many-body physics
- Soft matter and biological physics
- Statistical mechanics and complex systems
- Atomic, Molecular and Optical Physics

Website: [www.phy.cuhk.edu.hk/events/CCP2019/](http://www.phy.cuhk.edu.hk/events/CCP2019/)

E-mail: [ccp2019@phy.cuhk.edu.hk](mailto:ccp2019@phy.cuhk.edu.hk)

