



# The 11<sup>th</sup> International Conference on Computational Physics

*June 24-28, 2019, Hangzhou, China*

The 11th International Conference on Computational Physics (ICCP11) will be held at Hangzhou, China from 24-28 June, 2019. The 11<sup>th</sup> International Conference on Computational Physics aims to bring together leading academic scientists, researchers and scholars to exchange and share their experiences and research results about all aspects of Computational Physics, and discuss the practical challenges encountered and the solutions adopted.

## Topics:

The meeting will focus on key aspects of computational physics. Topics to be covered include, but are not limited to, the following:

- Condensed matter and material physics
- Optical and Plasma Physics
- Astrophysics, Nuclear and Particle Physics
- Fluid Dynamics, Multiphase and complex fluids
- Non-linear and Complex Systems
- Biological systems
- Energy and environment
- Numerical methods for PDEs
- Fast algorithms
- Uncertainty quantification and rare events
- Multiscale modeling & simulation
- Density functional theory and beyond
- Parallel and cloud computing
- Visualization
- Big Data and Data Mining
- Education

## Deadlines:

Abstract submission: 23 May, 2019

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- |                           |                     |
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