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# WORLD ACADEMY OF SCIENCE, ENGINEERING AND TECHNOLOGY

ICCECM 2017 : 19th International Conference on Computational and Experimental Condensed Matter



**ICCECM 2017**

**December 18-19 2017, London, United Kingdom**

**Conference Information and Registration**  
<http://waset.org/conferences/2017/12/London/ICCECM>

## CALL FOR PAPERS

The ICCECM 2017 : 19th International Conference on Computational and Experimental Condensed Matter is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Computational and Experimental Condensed Matter. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

- |                                                              |                                           |
|--------------------------------------------------------------|-------------------------------------------|
| Biopolymers and proteins                                     | Multiphase flow phenomena                 |
| Bose Einstein Condensation                                   | Nanostructure technology                  |
| Colloids                                                     | Network analysis                          |
| Complex fluids                                               | Novel superconductivity in organic metals |
| Computational complexity                                     | Polymer physics                           |
| Device physics                                               | Porous materials                          |
| Ferromagnetic oxides, charge and spin density wave compounds | Porous media                              |
| Granular systems                                             | Probes of cellular structure              |
| High-temperature superconductors                             | quantum computing                         |
| Hysteresis in various physical systems                       | quantum control of single electron spins  |
| Mesoscopic properties of subnanometer wires                  | quantum magnetism in spin-chain materials |
| Microfabrication                                             | quantum spin-textures                     |
| Molecular motors                                             | Spin polarized quantum systems            |
|                                                              | Spin-liquids                              |