CCP2016

28th IUPAP International Conference on Computational Physics

South Africa

10 – 14 July 2016
St Georges Hotel and Conference Centre,
Gauteng, South Africa

CALL FOR ABSTRACTS

The 28th IUPAP International Conference on Computational Physics (CCP 2016) will be hosted by the South African Institute of Physics in Gauteng, South Africa from 10 – 14 July 2016. Papers are invited for submission in any of the topics listed below.

Main Topics

All areas of Computational Physics will be covered, including Statistical Physics, Complex System and non-linear dynamics, Soft Matters, Polymers and Biological Physics, Computational Biology, Quantum Many Body and Strongly Correlated Systems, Material and Nano Sciences, Quantum Computing, Astrophysics and Space Physics, Plasma, Gravitation and Cosmology, Atomic, Molecular and Optical Physics, High Energy, Nuclear and Particle physics, Fluid Dynamics, Oceanography and Climate modelling, Geophysics and Geomechanics, Computational Physics Education, Software and Hardware Development.

There will be a special session on computational and big data aspects of astrophysics, in light of South African's co-hosting the Square Kilometre Array (SKA) radio telescope that will be among the most computationally challenging scientific experiments in the world once completed early next decade.

Conference Proceedings : The proceedings of the 28th IUPAP Conference on Computational Physics will appear in Open Access Journal of Physics: Conference Series (JPCS), which is part of IOP Conference Series. All papers published in IOP Conference Series are fully citable and upon publication will be free to download in perpetuity.

How to Submit Your Abstract : Submit abstracts online at
http://events.saip.org.za/event/ccp2016 : **Please do not email abstracts to us**

Deadlines:
Abstract Submission Opening – 04 Jan 2016
Abstract Submission Closes – 30 April 2016
Abstract Acceptance Notification – 06 May 2016
Deadline for submission of manuscripts for the proceedings – 30 August 2016

Website:
http://events.saip.org.za/event/ccp2016 **Email:**
ccp2016@saip.org.za
Phone: +27 (0)12 841 2655
Contact Person: Brian Masara

IUPAP

SOUTH AFRICAN INSTITUTE OF PHYSICS