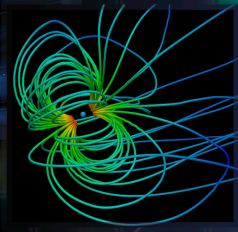
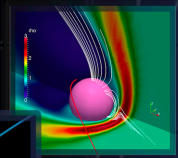
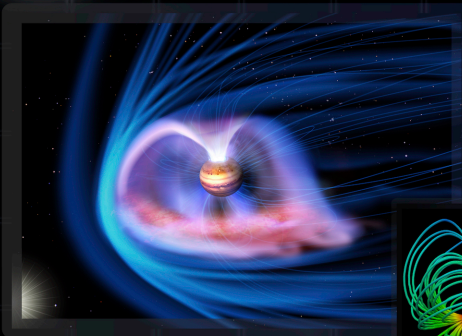




# MHD Simulations in Astrophysics and Space Plasma

## COMAC 2018 WORKSHOP



### Lecturers

**Prof. Nicholas Achilleos**  
University College London, UK

**Dr. Patrick Guio**  
University College London, UK

**Dr. Jonathan Nichols**  
University of Leicester, UK

**Dr. Licia Ray**  
Lancaster University, UK

**Dr. Jongsoo Kim**  
Korea Astronomy and Space Science Institute, South Korea

### Topics

- Kinetic Theory of Collisionless Plasma
- Magnetic field and plasma models for giant planets
- particle-in-cell (PIC) models
- Magnetosphere-Ionosphere Coupling
- Simulation with HPC: MPI and GPU CUDA

**2 - 6 JULY 2018**  
Chiang Mai, Thailand

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