



# SAIP 2011

## Wednesday 13 July 2011

### Plenary: SAIP De Beers Gold Medal Winner 2010 - Parthenon (09:30-10:30)

**-Conveners: Peter Martinez**

time	[id] title	presenter
09:30	[442] Top Down Causation and the Emergence of Complexity	Prof. ELLIS, George

### Plenary: Education - Parthenon (16:00-17:00)

**-Conveners: Nithaya Chetty**

time	[id] title	presenter
16:00	[441] Building a National Digital Library for Computational Physics Education at All Levels	Dr CHRISTIAN, Wolfgang

# Thursday 14 July 2011

## Plenary: Lasers, Optics and Spectroscopy - Parthenon (09:30-10:30)

-Conveners: Erich Rohwer

time	[id] title	presenter
09:30	[440] The Photochemistry and Photophysics of DNA	Prof. PARKER, Anthony

## Plenary: Astrophysics and Space Science - Parthenon (16:00-17:00)

-Conveners: Patrick Woudt

time	[id] title	presenter
16:00	[439] Mass Distribution in Galaxies using Multi-Wavelength 3D Spectroscopy	Prof. CARIGNAN, Claude

# Friday 15 July 2011

## Plenary: Condensed Matter Physics and Material Science - Parthenon (09:30-10:30)

-Conveners: Andre Botha

time	[id] title	presenter
09:30	[435] Soft Matter Properties: What can we learn from computer simulations?	Dr MUKHERJI, Debashish

## Plenary: Nuclear, Theoretical and Computational Physics - Parthenon (13:45-14:45)

-Conveners: Frederik Scholtz

time	[id] title	presenter
13:45	[438] A Century of Nuclear Theory: a greatly condensed treatment	Prof. AMOS, Ken