



# IPA 2017

## Monday 8 May 2017

**Plenaries: Barry Barish / LIGO, Marco Ajello / Fermi, Nigel Lockyer / Fermilab nu - Forum (09:00 - 10:30)**

| time  | [id] title                                                             | presenter           |
|-------|------------------------------------------------------------------------|---------------------|
| 09:00 | [11] Gravitational Waves and Prospects for Multimessenger Astronomy    | Prof. BARISH, Barry |
| 09:30 | [88] Results from Fermi                                                | Dr AJELLO, Marco    |
| 10:00 | [85] Particle Physics: Science without Borders: Neutrinos Going Global | Dr LOCKYER, Nigel   |

**Plenaries: Chad Finley / IceCube, Jamie Holder / IACT, Keith Olive / Dark Matter - Forum (11:00 - 12:30)**

| time  | [id] title                                                                     | presenter          |
|-------|--------------------------------------------------------------------------------|--------------------|
| 11:00 | [86] Results from the IceCube Neutrino Observatory                             | FINLEY, Chad       |
| 11:30 | [21] Imaging Atmospheric Cherenkov Telescopes: Present and Future.             | Dr HOLDER, Jamie   |
| 12:00 | [91] Supersymmetric Dark Matter after LHC Run I and Implications for Detection | Prof. OLIVE, Keith |

# Tuesday 9 May 2017

## **Plenaries: Karsten Heeger / Reactor nu overview, Paschal Coyle / KM3NeT, Marek Kowalski / IceCube Gen2 Science - Forum (09:00 - 10:30)**

| time  | [id] title                                                                  | presenter          |
|-------|-----------------------------------------------------------------------------|--------------------|
| 09:00 | [80] Karsten Heeger, Reactor neutrinos: Recent results and future prospects |                    |
| 09:30 | [81] Paschal Coyle, KM3NeT                                                  |                    |
| 10:00 | [93] Neutrino Astronomy with IceCube-Gen2                                   | Mr KOWALSKI, Marek |

## **Plenaries: John Beacom / Nus from SNs, Ryan Nichol / Radio detection of cosmic nus, Patrick Huber / Sterile nus - Forum (11:00 - 12:30)**

| time  | [id] title                                      | presenter            |
|-------|-------------------------------------------------|----------------------|
| 11:00 | [14] Neutrinos from Supernovae                  | Prof. BEACOM, John   |
| 11:30 | [83] Ryan Nichol, Radio Detection of cosmic nus |                      |
| 12:00 | [92] Sterile Neutrinos                          | Prof. HUBER, Patrick |

# Wednesday 10 May 2017

**Plenaries: Valerio Verzi / HE Cosmic Rays, Kohta Murase / Non-Thermal Sources, Walter Winter / MM particle astrophysics - Forum (09:00 - 10:30)**

| time  | [id] title                                                                       | presenter         |
|-------|----------------------------------------------------------------------------------|-------------------|
| 09:00 | [37] Recent results and future perspectives on the Ultra-High Energy Cosmic Rays | Dr VERZI, Valerio |
| 09:30 | [90] Cosmic-Ray Reservoirs as Non-Thermal Neutrino Sources                       | Dr MURASE, Kohta  |
| 10:00 | [8] Multi-messenger particle astrophysics                                        | Dr WINTER, Walter |

**Plenaries: Michelle Hui/HAWC, Keith Bechtol/Optical Surveys and PA: Prospects in the LSST era, Anna Franckowiak/Nu astronomy of transient signals - Forum (11:00 - 12:30)**

| time  | [id] title                                                                | presenter         |
|-------|---------------------------------------------------------------------------|-------------------|
| 11:00 | [75] HAWC results and future development                                  |                   |
| 11:30 | [64] Optical surveys and particle astrophysics: prospects in the LSST era | BECHTOL, Keith    |
| 12:00 | [6] Neutrino Astronomy of Transient Signals                               | FRANCKOWIAK, Anna |