



# **B mode from Space -- Part 1: The Science goals, status of spaceborne projects, foregrounds (Dec 10 -12), Part 2: Mission design, technologies and challenges for the spaceborne observations (Dec 14 -16) --**

## **Thursday 10 December 2015**

### **Cosmology (13:00 - 14:50)**

| time  | [id] title                                                                                     | presenter            |
|-------|------------------------------------------------------------------------------------------------|----------------------|
| 13:00 | [0] Welcome Hitoshi Murayama (Kavli IPMU)                                                      | Dr MURAYAMA, Hitoshi |
| 13:05 | [1] Why B mode? Eiichiro Komatsu(MPA)                                                          | Dr KOMATSU, Eiichiro |
| 13:35 | [2] Why do we need $r < 0.001$ (Lyth bounds etc.) Kazunori Kohri (KEK)                         | Dr KOHRI, Kazunori   |
| 14:00 | [25] Lensing B mode at low $\ell$                                                              | Dr NAMIKAWA, Toshiya |
| 14:25 | [78] The information hidden in the anisotropies of the CMB spectral distortions<br>Khatri TIFR | Dr KHATRI, Rishi     |

### **Cosmology (15:20 - 17:00)**

| time  | [id] title                                                                     | presenter             |
|-------|--------------------------------------------------------------------------------|-----------------------|
| 15:20 | [4] Large scale EE and tau - Jo Dunkley (Oxford)                               | Dr DUNKLEY, Jo        |
| 15:45 | [5] New Physics from an All-Sky Polarization Experiment Cora Dvorkin (Harvard) | Dr DVORKIN, Cora      |
| 16:10 | [6] Tensor mode bispectrum - Maresuke Shiraishi (Kavli IPMU)                   | Dr SHIRAISI, Maresuke |