

Vulcano Workshop 2018 - Frontier Objects in Astrophysics and Particle Physics

Monday, May 21, 2018

Astrophysics/Cosmology - Therasia Resort, Conference Room (5:00 PM - 7:05 PM)

-Conveners: Marica Branchesi

| time | [id] title | presenter |
|---------|---|---------------------|
| 5:00 PM | [56] Testing gravity with the BepiColombo mission | Prof. IESS, Luciano |
| 5:25 PM | [57] Stellar Nucleosynthesis | Dr STRANIERO, Oscar |
| 5:50 PM | [58] Kilonovae observations | Dr BROCATO, Enzo |
| 6:15 PM | [59] GW with LISA-Pathfinder and e-LISA | DOLESI, Rita |
| 6:40 PM | [60] BBN, Neutrinos and Nuclear Astrophysics | GUSTAVINO, Carlo |

Tuesday, May 22, 2018

Astrophysics/Cosmology - Therasia Resort, Conference Room (6:15 PM - 7:30 PM)

-Conveners: Oscar Straniero

| time | [id] title | presenter |
|---------|---|-----------------------|
| 6:15 PM | [74] Detection and origin of Fast Radio Bursts | Dr BURGAY, Marta |
| 6:40 PM | [75] Missing baryons and cosmological filaments from X-rays | Dr NICASTRO, Fabrizio |
| 7:05 PM | [76] Recent results from the TUS/LOMONOSOV Space Mission | Dr KLIMOV, Pavel |

Friday, May 25, 2018

Astrophysics/Cosmology - Therasia Resort, Conference Room (9:00 AM - 10:40 AM)

-Conveners: Enzo Brocato

| time | [id] title | presenter |
|----------|---|---------------------------|
| 9:00 AM | [100] CMB observations: implications for inflation and early universe | BATTISTELLI, Elia Stefano |
| 9:25 AM | [102] Emission of Gravitational Waves from the BH coalescence | PRODI, Giovanni Andrea |
| 9:50 AM | [103] Radio counterparts from GW events | Dr CORSI, Alessandra |
| 10:15 AM | [105] The hot energetic universe with Athena | Dr PIRO, Luigi |

Astrophysics/Cosmology - Therasia Resort, Conference Room (11:00 AM - 11:25 AM)

-Conveners: Enzo Brocato

| time | [id] title | presenter |
|----------|--|--------------------|
| 11:00 AM | [53] Discovery of the X-ray counterpart and the GW - GRBs connection | Dr TROJA, ELEONORA |