

The 6th Conference of the Polish Society on Relativity

Monday, September 23, 2019

Plenary Session: Lecture 1 - Massimo Tinto, "Space-based gravitational wave observations in the mid-band frequency region" (9:30 AM - 10:15 AM)

-Conveners: Marius P. Dabrowski

| time | [id] title | presenter |
|---------|--|-------------------|
| 9:30 AM | [1] Space-Based Gravitational Wave Observations in the Mid-Band Frequency Region | Dr TINTO, Massimo |

Plenary Session: Lecture 2 - Jacques Delabrouille, "Constraining gravitation with CMB observations" (10:15 AM - 11:00 AM)

-Conveners: Marius P. Dabrowski

Plenary Session: Lecture 3 - Jose Antonio Font, "Universal relations for gravitational-wave asteroseismology of proto-neutron stars" (11:30 AM - 12:15 PM)

-Conveners: Marius P. Dabrowski

Plenary Session: Lecture 4 - Masaru Shibata, "Merger and mass ejection for neutron star binaries" (12:15 PM - 1:00 PM)

-Conveners: Marius P. Dabrowski

| time | [id] title | presenter |
|----------|---|-----------------|
| 12:15 PM | [2] Merger and mass ejection of neutron star binaries (tentative) | SHIBATA, Masaru |

Tuesday, September 24, 2019

Plenary Session: Lecture 5 - Jorge Pullin, “Loop quantum gravity: developments and recent results” (9:00 AM - 9:45 AM)

-Conveners: Marek Biesiada

| time | [id] | title | presenter |
|---------|------|---|---------------------|
| 9:00 AM | 10 | Loop quantum gravity: developments and recent results | Prof. PULLIN, Jorge |

Plenary Session: Lecture 6 - Joseph Conlon, “String Compactifications and the Swampland” (9:45 AM - 10:30 AM)

-Conveners: Marek Biesiada

Plenary Session: Lecture 7 - Jan de Boer, “Gravity and quantum information” (11:00 AM - 11:45 AM)

-Conveners: Marek Biesiada

Plenary Session: Lecture 8 - Tsvi Piran “Lessons from GW170817, what did we see, what caused it and what can we expect in the coming future” (11:45 AM - 12:30 PM)

-Conveners: Marek Biesiada

Wednesday, September 25, 2019

Plenary Session: Lecture 9 - S. Capozziello, "Cosmography as a tool to discriminate between modified gravity and dark energy" (9:00 AM - 9:45 AM)

-Conveners: Vincenzo Salzano

| time | [id] | title | presenter |
|---------|------|--|------------------------------|
| 9:00 AM | M | Cosmography as a tool to discriminate between modified gravity and dark energy | Prof. CAPOZZIELLO, Salvatore |

Plenary Session: Lecture 10 - Hermann Nicolai, "K(E10) and Standard Model Physics" (9:45 AM - 10:30 AM)

-Conveners: Vincenzo Salzano

Thursday, September 26, 2019

Plenary Session: Lecture 11 - Raymond Vivien, "Gravitational Waves Observations by LIGO and Virgo" (9:00 AM - 9:45 AM)

-Conveners: Edward Malec

| time | [id] | title | presenter |
|---------|------|--|-----------------|
| 9:00 AM | 113 | Gravitational Waves Observations by LIGO and Virgo | RAYMOND, Vivien |

Plenary Session: Lecture 12 - Yongge Ma, "Loop quantum scalar-tensor gravity and its cosmological implication" (9:45 AM - 10:30 AM)

-Conveners: Edward Malec