Session Program

26–29 Oct 2026



UNISA-Brazil Symposium

Session 3

Monday 26 October

13:45

Session 3

Session | **Location:** Thamsanqa Kambule Auditorium, UNISA, Science Campus, Johannesburg | **Convener:** Malebo Tibane

13:45–14:15 **Model of compact star with ordinary and dark matter (online)**

Speaker
Pedro Mafa

14:15–14:45 **An overview of Efimov physics from three to two dimensions**

Speaker
Marcelo Takeshi Yamashita

14:45–15:15 **Accelerating the Clean Energy Transition through Data-Driven Computational Materials Design**

Speaker
Dr Kiprono Korir Kiptiemoi

15:15–15:45 **Shifting Landscape in Materials Modelling — Integrating First-Principles and Machine Learning for Accelerated Materials Discovery (online)**

Speaker
Kingsley Onyebuchi Obodo

15:45–16:05 **Entering the 2nd decade of Gravitational Wave observations and implications for Multi-Messenger Astronomy**

Speaker
Monos Naidoo

16:05