**Session Program**

**26–29 Oct 2026**




# UNISA-Brazil Symposium

## *Session 4*

# Wednesday 28 October

14:30

## Session 4

**Session** | **Location:** Thamsanqa Kambule Auditorium, UNISA, Science Campus, Johannesburg | **Convener:** Duke Oeba

14:30–14:50

### Unravelling the Interfacial and Photovoltaic Properties of ZnTiO3-Based Solid-state Dye-Sensitized Solar Cells Using DFT and SCAPS-1D

**Speaker**
Ephantus Njeru

14:50–15:30

### [PLENARY TOPIC] Computational Design of Electrocatalysts for Hydrogen and Oxygen Evolution Reactions (online)

**Speaker**
Juarez L. F. Da Silva

15:30–15:50

### The Hopf algebra structure of Leigh-Strassler theories

**Speaker**
Hector Dlamini

15:50