UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

WITS UNIVERSITY

NITheCS
National Institute for Theoretical and Computational Sciences

NRF National Research Foundation

16th Gauteng Mathematical Physics School

Recent trends in CFT & the gauge/gravity correspondence

30 November – 4 December 2026

Physics Department, University of Pretoria

An informal PhD school featuring lectures by international experts in modern Theoretical and Mathematical Physics. For PhD and advanced MSc students with a solid background in Quantum Field Theory and General Relativity. Postdocs working in the field are also welcome.

A continuation of the PhD schools associated with the annual Joburg Workshops on String Theory.

LECTURERS & TOPICS

Vishnu Jejjala (Wits)
AI in String Theory and Mathematics

Sridip Pal (TIFR)
Universality in Asymptotic CFT Data

Ana Retore (DESY)
A new diagrammatic view on spin chains in gauge theories

FREE PARTICIPATION

Participants must cover their costs through their home institution. Limited support may be available for PhD students from South African universities.

APPLY BY FRIDAY, 30 OCTOBER 2026

Email: kzoubos@up.ac.za

Include your university and, if you are a student, your level of study and your supervisor's name and contact details. Indicate whether you require support; applicants will be notified if support may be available.

Event website: https://www.up.ac.za/physics/16th-gauteng-mathematical-physics-school

Organisers: Konstantinos Zoubos (UP), Sam van Leuven (Wits)

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Image: Robert Clark/Pexels