

2017 Joburg School on String Theory

## Recent Trends in QFT & Gravity

	Monday 11 September	Tuesday 12 September	Wednesday 13 September	Thursday 14 September	Friday 15 September
9:00–10:00	HGA	ISL	GMS	ISC	ISL
10:00–11:00	GMS	ISC	HGA	ISL	GMS
11:00–12:00	ISC	SOL	CFT	SOL	CFT
12:00–13:15	Lunch	Lunch	Lunch	Lunch	Braai
13:15–14:15	HGA	SOL	GMS	ISC	Braai
14:15–15:15	GMS	ISC	CFT	ISL	Braai

Timetable: *Mornings are lectures; afternoons are tutorials.*

*The workshop will take place in the Honors Classroom, 2nd floor, Physics Building, Wits.*

Introduction to conformal field theory (CFT)

How to guess the answer (HGA)

Integrable spin chains (ISC)

Introduction to supersymmetry and localization (ISL)

Giant magnons and magnon scattering (GMS)

Solitons and the BPS bound (SOL)

Dr. Shinji Hirano

Prof. Vishnu Jejjala

Dr. Minkyoo Kim

Dr. Tarun Sharma

Dr. Jaco van Zyl

Prof. Costas Zoubos