

9th IQFT Meeting Schedule

Friday May 17th

9:45 **Welcoming remarks** Denjoe O'Connor

Chair TBA

10:00 - 11:00 S. Mukhi (Bombay, India)
Gauge theories and strings

11:00 - 11:20 **Tea/Coffee**

11:20 - 11:50 F. Dolan (Cambridge, England)
On short and semi-short multiplets for 4-dimensional superconformal symmetry

11:50 - 12:30 S. Solodukhin (Munich, Germany)
Black hole production in particle collisions

12:30 - 14:00 **Lunch**

Chair: C. Nash

14:00 - 15:00 R. Gregory, (Durham, England)
Braneworlds, extra dimensions and cosmology

15:00 - 15:40 F. Freire (Dublin IAS)
Duality in the confinement phase of $SU(2)$ YM using ERG methods

15:40 - 16:00 **Tea/Coffee**

16:00 - 16:40 X. Martin (Dublin IAS)
Simulating field theory with non-commutative geometry: the scalar field

16:40 **Break before evening talk.**

Chair: N. Buttimore. The evening talk is in the Maxwell Theatre in the Hamilton Building in TCD.

18:30 - 19:30 S. Sen (Trinity, Dublin)
Hamilton at Trinity College

20:30 **Dinner** Poco Loco, Parliament St.

Saturday May 18th

Chair: M. Fry

10:00 - 11:00 C. Morningstar (Carnegie Mellon, US)
TBA

11:00 - 11:30 **Tea/Coffee**

11:30 - 12:10 D. Grigoriev (NUI, Maynooth)
Proton decay in Skyrme-monopole system

12:10 - 13:30 **Lunch**

Chair: T. Tchrakian

13:30 - 13:50 V. de Beauce (Trinity, Dublin)
Symmetries in geometric discretisation

13:50 - 14:10 D. Jennings (Trinity, Dublin)
BPS monopole sheets

14:10 - 14:30 S. Magee (Trinity, Dublin)
Simulated annealing and interacting Skyrmions

14:30 - 15:00 R. Ivanov (NUI, Galway)
Generalised moonshine from abelian orbifoldings of moonshine module

15:00 - 15:20 **Tea/Coffee**

15:20 - 16:20 T.R. Govindarajan (Chennai, India)
De Sitter gravity

16:20 - 17:20 I.T. Drummond (DAMTP, Cambridge)
Bi-metric alternative to dark matter

17:20 **Closing remarks** S. Sen