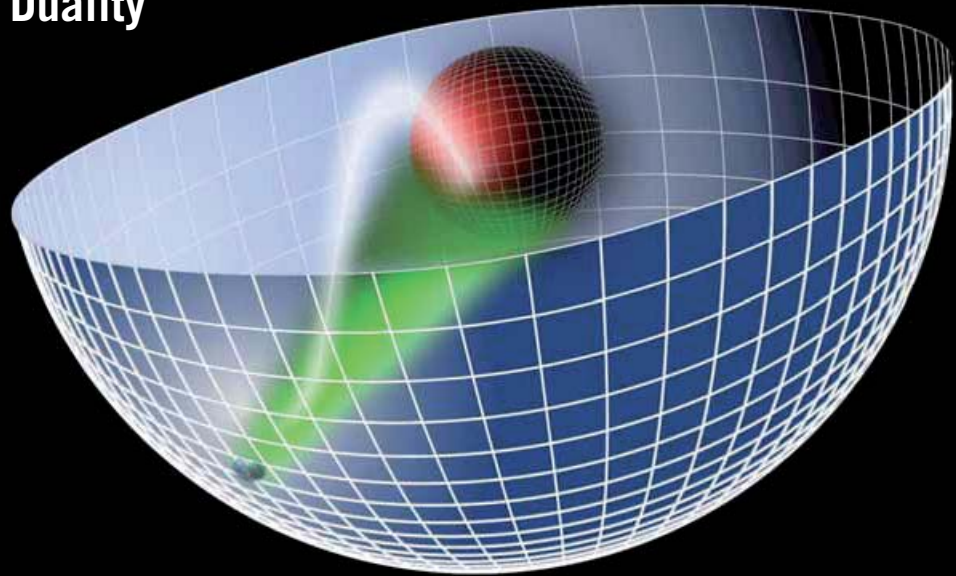


Department of Physics Alumni Day Invitation

Strings, Branes and Duality
Saturday 27 March 2010



Join string theorists, Dr Sanjaye Ramgoolam and Dr Rodolfo Russo, for a relaxed programme of lectures, conversation and lunch.

Department of Physics Alumni Day

Strings, Branes and Duality

Saturday 27 March 2010

Queen Mary's Department of Physics is one of the leading international centres of research in string theory. Join Drs Sanjaye Ramgoolam and Rodolfo Russo for a relaxed programme of lectures, conversation and lunch.

Quantum Fields pervade all of space. Einstein teaches us how gravity is nothing but geometry of four-dimensional space-time. String theory unifies the Quantum and the gravitational in 10 dimensions.

Beyond the headlines, why do string theorists believe they are on the right track? How much string theory can you master in a few hours? How much of it can you explain to a 10 year old? What is a brane-world? And what does string duality, discovered at the turn of the millennium, have to do with Plato's cave?

Dr Sanjaye Ramgoolam and Dr Rodolfo Russo are active researchers in string theory, particularly in the areas of gauge-string duality, fuzzy geometry and the fundamentals of string-theory/particle-physics connections. Prior to joining Queen Mary, Dr Ramgoolam and Dr Russo held post-doctoral research positions at Princeton University, USA, and CERN, the European Organisation for Nuclear Research in Geneva, respectively.

Both are members of the Centre for Research in String Theory (CRST) in the Department of Physics. CRST currently has seven faculty members alongside post-doctoral fellows and PhD students. This is a lively interactive research environment of international repute exploring diverse areas of string theory, interfacing with particle physics, cosmology and mathematics. For more information, visit www.strings.ph.qmul.ac.uk

Strings, Branes and Duality

Saturday 27 March 2010

All events will take place on the Mile End campus

Programme

- 10.15** **Welcome and coffee**
Senior Common Room, Queens' Building
- 11.00** ***From string theory to high energy particle physics***
Dr Rodolfo Russo, Lecturer
- 12.00** ***Followed by a Q&A and discussion***
Clinical Lecture Theatre,
Francis Bancroft Building
- 12.30** **Lunch**
The Octagon
- 14.30** ***String dualities and emergent quantum gravity***
Dr Sanjaye Ramgoolam,
Reader in Theoretical Physics
- 15.30** ***Followed by a Q&A and discussion***
Clinical Lecture Theatre,
Francis Bancroft Building
- 16.00** **Tea and campus tours**
- 16.30** **Close**

Reply

Booking information

Title	Forename(s)
Surname	Maiden name
Address	
Postcode	
Tel	email
College	Subject
Year of graduation	
Job title	Organisation

Payment options

[] Total number for Department of Physics Alumni Day at £35 per person (inclusive of all refreshments and lunch)

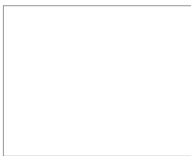
Total amount enclosed £ []

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Please state any dietary and access requirements below:

I would like an invitation to be sent to my contemporaries []

(Please stipulate full name(s), subject(s) studied and year(s) of graduation, plus contact details if known, on a separate sheet)



**Department of Physics Alumni Day
(27.03.10)**

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