YTF 11

19-20 DECEMBER 2018
DURHAM UNIVERSITY

PLENARY SPEAKER
TOBY WISEMAN
IMPERIAL COLLEGE LONDON

REGISTRATION:
WWW.MATHS.DUR.AC.UK/YTF/11
DEADLINE 30 NOVEMBER 2018

ORGANISERS: S. Baines, J. Black, A. Blance, L. Budge, J. Bullock, A. Cheek, J. Cullen, G. De-Laurentis, P. Gregg, M. Hostert, K. Kwok, D. Martin, E. McLean, M. Piscopo, M. Ramirez-Quezada, E. Reid, J. Reiness, M. Renwick, A. Stewart, C. Vlahos, J. Whitehead
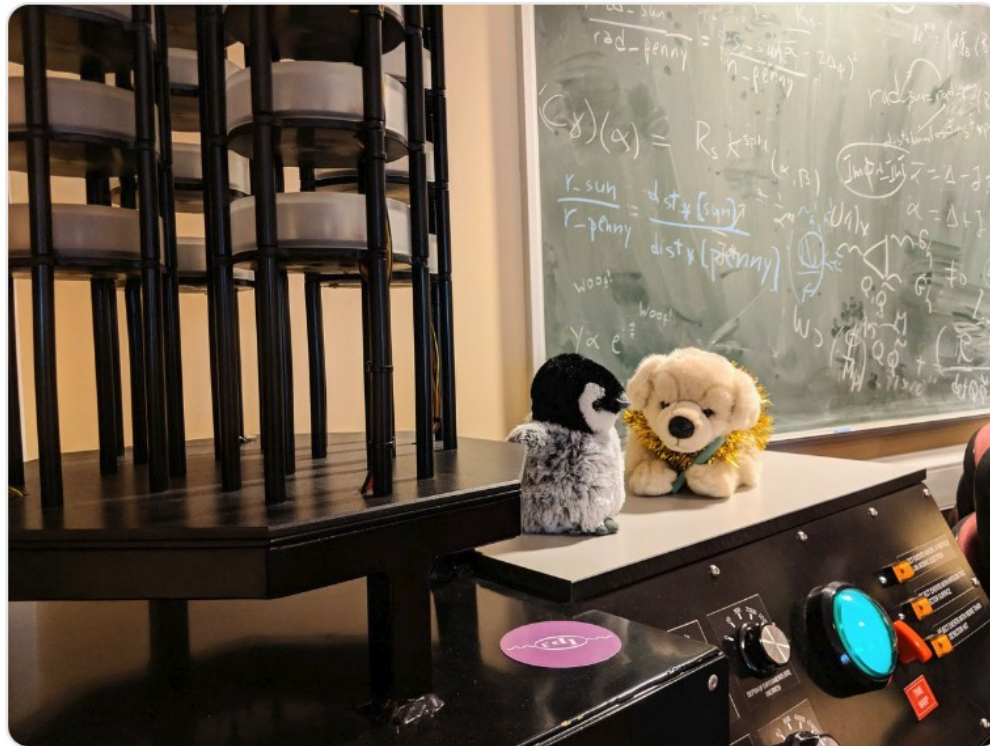
SUPA   Durham University   Centre for Particle Theory   IOP   Ip3

YTF is about dialogue!

Back to Parallel Sessions

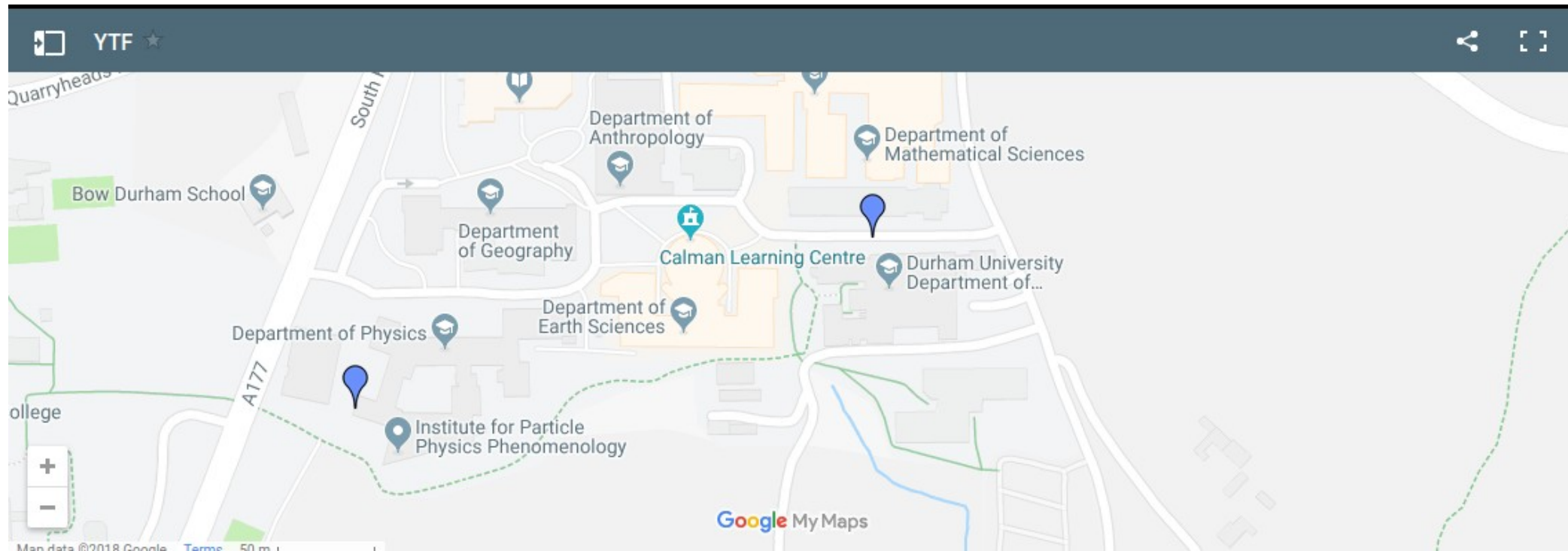|		
Quasi-Degenerate Vacua in the KSVZ axion model; A minimal ap...	*Ms Amy Lloyd-Stubbs*	**Applications of gauge/gravity duality** *Matthew Russell* — *CM107, Department of Mathematical Sciences* 14:40 - 15:00
Production and thermalisation of isolated sectors	*Hannah Tillim*	**Coincident M5-branes and dual singular geometries** *Callum Brodie*
Shedding Light on the Initial Conditions of Inflation with the Eisenhart Lift	*Mr Kieran Finn*	**Central charge of self-dual strings from holography** *Mr Ronnie Rodgers*
Anisotropies in the stochastic gravitational-wave background	*Alex Jenkins*	**The orientifold quotient of giant gravitons** *Christopher Lewis-Brown*

Uploading Talks

- See the welcome pack email and try to upload your talk.

- If that fails, email DurhamYTF@gmail.com

- Or bring a pen drive and upload it to the computer in the room your talk is in.

Poster Session

09:00	Clustering algorithms for b-jets from BSM Higgs Bosons.	*Mr Billy Ford*	What do knots, quantum computation and field theories h...	*Mr Rajath Radhakrishnan*
	Light charged Higgs boson with dominant cb decay from 3HDM and its search at LHC an...	*Muyuan Song*	A Gentle Introduction to Supersymmetric Localization	*Mr Matthew Renwick*
	Different aspects of single top	*Ms Charanjit Kaur Khosa*	Resurgence and Non-Perturbative Physics	*Philip Glass*

Our Sponsors

IOP Institute of Physics

SUPA

Early Career Members Group

The Early Career Members Group focuses specifically on early career members and aims to provide a means to improve early career support as well as providing a forum for discussion.

The Group looks to represent the views of Early Career Members to the IOP and external bodies.
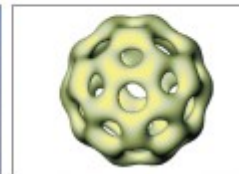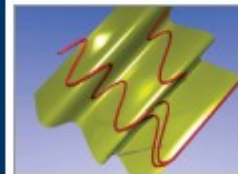
The Group will focus on a number of areas; namely:

- Building networks of peers – across disciplines and sectors including industry, education, academia and business.
- Putting early career members in touch with those in a position to support them.
- Supporting early career members to understand career options and think about opportunities in industry, academia, business teaching and other career paths
- Supporting early career members to develop skills, e.g., networking, writing funding applications, conducting effective outreach.

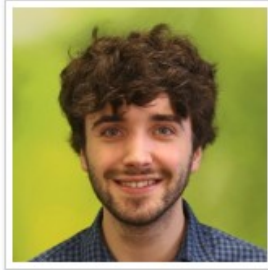**IP3**

University of Durham

Centre for Particle Theory

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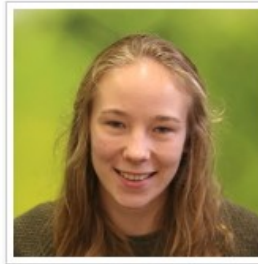
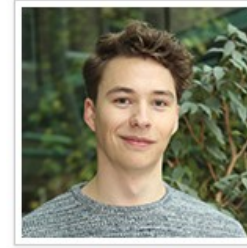# If you need anything else, please ask!

James Black

Andrew Blance
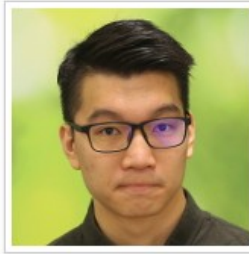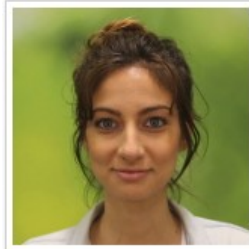
Lucy Budge

Andrew Cheek

Jonathan Cullen
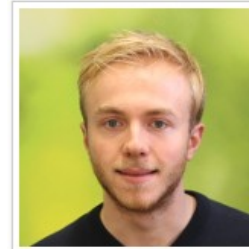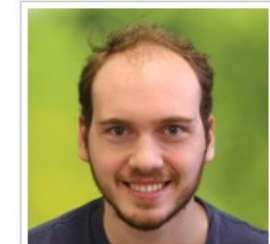
Giuseppe De Laurentis

Parisa Gregg

Ka Kwok

Maria Piscopo

Elliott Reid

Joey Reiness

Christos Vlahos

James Whitehead

Dan Martin

Matthew Renwick

Alastair Stewart