

Institute of Physics – London & South East Branch – Retired Members Section

At Home Meeting

PARTICLE PHYSICS – BEYOND THE STANDARD MODEL

Thursday 4 July 2019

This event has been organised by Stewart Coulter for REMS

This is one of REMS' biannual one-day *At Home* meetings organized for the LSE Branch of the IOP and open to the public. Admission is free, but registration is required.

Programme

- 10:30 Registration and refreshments
10:55 Welcome and announcements
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|-------|------------------------------|---|
| 11:00 | Dr Mika Vesterinen (Warwick) | The Standard Model: its Successes and Limitations |
| 11:40 | Dr Gavin Hesketh (UCL) | The Anomalous Muon Magnetic Moment |
| 12:20 | Dr. Tepei Katori (QMUL) | Neutrinos |
- 13:00 Lunch Complimentary, served in the Atrium area
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|-------|--------------------------|--|
| 14:00 | Prof Harry Cliff (Camb) | The decay of the b quark and new Physics |
| 14:40 | Dr Sarah Williams (Camb) | Supersymmetry Searches |
- 15:20 Break
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|-------|-----------------------------|--------------------------------|
| 15:30 | Dr Christopher McCabe (KCL) | Dark Matter Searches |
| 16:00 | Prof Jon Butterworth (UCL) | The Future of Particle Physics |
- 16:30 End, refreshments
17:30 Site closes

NB: Both Dr Hesketh and Professor Butterworth will bring some books for sale at the end of each session.

Where and when to meet: 10:30 (for registration and refreshments) at:

The Institute of Physics
37 Caledonian Road
London
UK
N1 9BU

Getting there: The nearest station is Kings Cross St Pancras

Lunch A lunch will be available at the meeting, and there are many other places to eat in the neighbourhood.

Size of party: 100 max

Cost: Free to attend. Registration is necessary

Contacts: E-mail Tony Colclough at tonycolclough@outlook.com to register.

Email organiser Stewart Coulter at stewartcoulter.rems@gmail.com on matters relating to the programme.

Late arrivals: ask advice at the front desk.