

Session Program

Jul 24 - 30, 2016



The 34th International Symposium on Lattice Field Theory (Lattice 2016)

Applications Beyond QCD

Highfield Campus, University of Southampton
Highfield Campus, Southampton SO17 1BJ, UK

Wed, July 27

9:00 AM

Applications Beyond QCD

Session | **Location:** Highfield Campus, University of Southampton, Building 67 Room 1003 | **Convener:** Dr Nazario Tantaló

9:00 - 9:20 AM **Absence of bilinear condensate in three-dimensional QED**

Speaker
Dr Nikhil Karthik

9:20 - 9:40 AM **Finite size and infra-red effects in QCD plus QED**

Speaker
Dr Paul Rakow

9:40 - 10:00 AM **Infrared features of dynamical QED+QCD simulations**

Speaker
Dr Ross Young

10:00 - 10:20 AM

Four-Fermion Theories with Exact Chiral Symmetry in Three Dimensions

Speaker
Mr Daniel Schmidt

10:20 - 10:40 AM **Numerical simulation of Dirac semimetals**

Speaker
Mr Andrey Kotov

10:40 - 11:00 AM

Competing order in the fermionic Hubbard model on the hexagonal graphene lattice

Speaker
Prof. Lorenz von Smekal

11:00 AM