



Programme

13:00 **Registration** *SCR Corridor*

For talk and poster presenters

13:30 **Plenary talk** *Fellows' Dining Room*

Prof. Sir Colin Humphreys

Be Revolutionary: Change the World!

14:30 **Presentation Session I** *Fellows' Dining Room*

Sophie Koudmani

Are black holes heating up dwarf galaxies?

Siddharth Swaroop

Understanding Expectation Propagation through toy examples

Jack Hodkinson

Solid State Ion Conductors for Next Generation Batteries

Dominic Celiano

Contactless Smartcard Distance-Bounding Protocol Security Analysis

Catherine Tilley

How do companies incorporate sustainability considerations into their decision-making?

15:30 **Poster Exhibition I** *Cockcroft Room*

Coffee, tea and biscuits provided

16:15 **Presentation Session II** *Fellows' Dining Room*

Sridhar Jagannathan

Tracking wakefulness in the fly brain

Diana A. Popescu

Network Latency in Data Centres: Measurement, Impact and Mitigation

Angela F. Harper

Discovering Novel Materials for Energy Storage Using Computational Techniques

Sivapalan Chelvaniththilan

The Everett and Copenhagen interpretations of Quantum Physics: a comparison

Max Veit

Materials simulation from the ground up

17:15 **Poster Exhibition II** *Cockcroft Room*

Wine, cheese and crackers provided

17:50 **Presentation Session III** *Fellows' Dining Room*

Richard Ngo

Learning distributed word representations

Jerelle A. Joseph

Exploring Large-scale Conformational Changes in Proteins

Priscilla Garcia

With faith and facts: Science and Biblical interpretation amongst Evangelical Christians in Brazil

Megan McGregor

The World's Hottest Superglue: Materials requirements for better sealing in jet engines

18:30 **Closure** *Fellows' Dining Room*