

## **Celebratory Symposium**

on the occasion of Mike Payne's 60<sup>th</sup> birthday

Saturday 11<sup>th</sup> January 2020

Old Library, Pembroke College, Cambridge

09.30 Registration, tea and coffee available

10.15 **Welcome:** Lord Smith of Finsbury, Master of Pembroke College

### **Session 1: Fundamental methods of electronic structure**

10.30 Nicola Marzari, *Institute of Materials, EPFL*

10.50 Ivan Štich, *Institute of Physics, Slovak Academy of Sciences*

11.10 Guy Makov, *Department of Materials Engineering, Ben-Gurion University*

### **Session 2: Towards real materials**

11.30 Robert Mears, *Atomera Inc.*

11.50 Rubén Pérez, *Department of Theoretical Condensed Matter Physics, Autonomous University of Madrid*

12.10 Carla Molteni, *Department of Physics, King's College London*

12.30 **Lunch & group photo**

### **Session 3: Robust and deployable software**

14.00 Richard Jennings, *Cambridge Enterprise*

14.20 Matt Segall, *Optibrium Ltd.*

14.40 Chris Pickard, *Department of Materials Science & Metallurgy, University of Cambridge*

### **Session 4: Methods and theory for the future**

15.00 Peter Haynes, *Department of Materials, Imperial College London*

15.20 Gábor Csányi, *Pembroke College and Department of Engineering, University of Cambridge*

15.40 Sebastian Ahnert, *Sainsbury Laboratory, University of Cambridge*

### **Session 5: The challenge of biology**

16.00 Ashok Venkitaraman, *MRC Cancer Unit, University of Cambridge*

16.20 **Tea & coffee break**

### **Session 5: The challenge of biology (continued)**

17.00 Chris Skylaris, *Department of Chemistry, University of Southampton*

17.20 Danny Cole, *School of Natural & Environmental Sciences, Newcastle University*

### **Session 6: Community**

17.40 Rex Godby, *Department of Physics, University of York*

17.55 Nigel Cooper, *Pembroke College and Theory of Condensed Matter, University of Cambridge*

18.10 Volker Heine, *Theory of Condensed Matter, University of Cambridge*

18.25 **Close and final remarks**

18.45 **Drinks reception**

19.15 **Dinner**