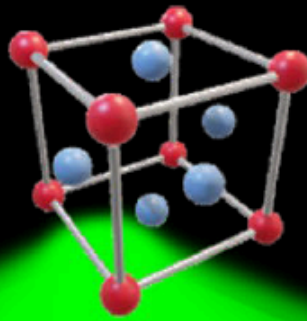




Quantum Design  
UK AND IRELAND



UNIVERSITY OF  
CAMBRIDGE



NanoMEGAS  
Advanced Tools for electron diffraction

# PRECESSION 30 YEARS ANNIVERSARY:

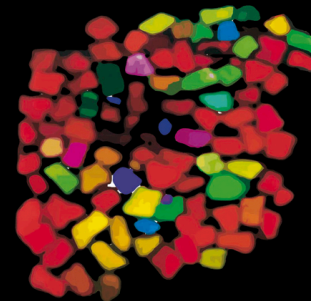
## Precession Utility in 4D- scanning Electron Diffraction Methods

JUNE 5, 2024

UNIVERSITY OF CAMBRIDGE

[WWW.QD-UKI.CO.UK](http://WWW.QD-UKI.CO.UK)

# AGENDA



**09:00** REGISTRATION AND COFFEE

**09:30** INTRODUCTION TO QUANTUM DESIGN UK AND IRELAND  
AND NANOMEGAS

SHAYZ IKRAM, QDUKI

**09:35** NANOMEGAS APPLICATIONS INTRODUCTION

THANOS GALANIS, APPLICATION SPECIALIST, NANOMEGAS

**10:05** CAMBRIDGE: 30 YEARS OF PRECESSION. THE BEGINNING  
AND DEVELOPMENT OVER THE YEARS

PROFESSOR PAUL MIDGLEY, CAMBRIDGE UNIVERSITY

**10:45** ASTAR V3 : TOWARD 3D RECONSTRUCTION OF NANO  
GRAINS

EDGAR RAUCH, GRENOBLE INP, GRENOBLE UN

**11:15** COFFEE BREAK

**11:30** TEM DEMONSTRATION OF PRECESSION BENEFITS

MURIEL VERON, GRENOBLE INP - PHELMA, GRENOBLE UN.;  
THANOS GALANIS, APPLICATION SPECIALIST, NANOMEGAS

**13:00** LUNCH BREAK

**13:45** THE STEM PRECESSION ALIGNMENTS WITH NANOMEGAS  
AND INTEGRATION TO CETA AND HAADF. MERLIN CAMERAS

DR SIMON M. FAIRCLOUGH, CAMBRIDGE UNIVERSITY

**14:15** COFFEE BREAK AND TRAVEL TO PARALLEL SESSIONS

**14:30** AFTERNOON PARALLEL SESSIONS:

- ORIENTATION AND PHASE MAPPING (ASTAR)
- STRAIN ANALYSIS (TOPSPIN REMOTE SESSION)
- ELECTRIC FIELD (NOVEL EFIELD SOFTWARE REMOTE SESSION)
- ADVANCED APPLICATIONS WITH OPEN SOURCE CODES FROM CAMBRIDGE

**17:30** CLOSE

