



Quantum Design  
UK AND IRELAND



UNIVERSITY OF  
CAMBRIDGE



NanoMEGAS  
Advanced Tools for electron diffraction

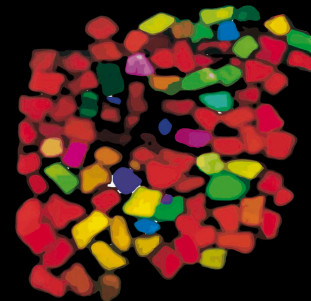
# USER MEETING

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

JUNE 6, 2024

UNIVERSITY OF CAMBRIDGE

# AGENDA



## **10:30 WELCOME AND INTRODUCTION**

SHAYZ IKRAM, QDUKI

## **10:35 NANOMEGAS: RECENT DEVELOPMENTS AND NEW TOOLS FOR PED APPLICATIONS**

THANOS GALANIS, APPLICATION SPECIALIST, NANOMEGAS

## **11:15 ELASTIC STRAIN MEASUREMENT IN METALLURGIQUE SAMPLES**

MURIEL VERON<sup>1</sup>, EDGAR RAUCH<sup>1</sup>, ARTHUR DESPRÈS<sup>1</sup>, SALOMÉ PARENT<sup>2</sup>, ANNE JOULAIN<sup>2</sup>, CHRISTOPHE TROMAS<sup>2</sup>, EDGAR RAUCH<sup>2</sup>, ARTHUR DESPRÈS<sup>2</sup>, SALOMÉ PARENT<sup>2</sup>, ANNE JOULAIN<sup>2</sup>, CHRISTOPHE TROMAS<sup>2</sup>

<sup>1</sup>SIMAP LABORATORY, GRENOBLE FRANCE

<sup>2</sup>INSTITUT PPRIME, POITIERS, FRANCE

## **11:45 COFFEE BREAK**

## **12:00 APPLICATIONS OF MACHINE LEARNING TO PED DATA**

DR ALEXANDER EGGEMAN, MANCHESTER UNIVERSITY

## **12:30 LINKING STRUCTURE TO PERFORMANCE IN HYBRID PEROVSKITES USING CORRELATIVE MULTIMODAL MICROSCOPY**

THOMAS SELBY, CAMBRIDGE UNIVERSITY

## **13:00 CHARACTERISATION OF SEVERELY DEFORMED TRIBOLAYER BY HRTEM COUPLED WITH PRECESSION ELECTRON DIFFRACTION**

DR JIAHUI QI

## **13:30 DISCUSSION AND CLOSE**

