

Poster Presentations

Poster Board No.	First Name	Last Name	Organisation	Paper Title
1	Adyant	Agrawal	Institute For Computational Physics, University of Stuttgart	Negative Intrinsic Viscosity in Graphene Suspensions: Insights from Molecular Dynamics and Continuum Theory
2	Miriam	Aldis	University of Bristol	Probing the nematic quantum criticality of FeSe _{1-x} S _x
3	Sarah	Alnujaim	The University of Edinburgh	DFT+U Study of Magnetic Configurations and 5f Electron Behaviour in UAu ₂
4	Felix	Baylis	University of Birmingham	Improving Strain Measurements of Highly Stressed Quantum Materials
5	Chris	Bell	University of Bristol	FaRMS: Facility for Radioactive Materials Surfaces
6	Tobias	Chatfield	Bristol University	Measuring the Variation in Zero Temperature Magnetic Penetration Depth of Cuprate Superconductors with Pressure
7	Cerys	Cooper		Improved conductance and stability in Mo ₂ -based self-assembled monolayers through pyridine functionalisation
8	William	Fern	University of Bath	Hall Array Magnetometry of Ferromagnetic Iron-Pnictide Superconductor EuFe ₂ (As _{0.79} P _{0.21})
9	Sam	Harley	Lancaster University	Improving the Precision of Thermoelectric Atomic Force Microscopy Measurements
10	Harriet	Howard	Oxford Instruments	Demonstrating temperature stability of a closed cycle helium-4 cryo-magnetic platform
11	Tim	Huijbregts	University of Bristol	Testing the putative Tomonaga-Luttinger liquid to Fermi liquid crossover in Li _{0.9} Mo ₆ O ₁₇ through Boltzmann analysis of the Hall resistivity
12	Satya	Lanka	Cardiff University	Micromagnetic modelling of Ni nanotubes with circular and elliptical cross-section
13	Oscar	Leonard	University of Bath	Vortex dynamics in thin film superconductor ratchet structures
14	Yi-hua	Lim	University of Bristol	Scanned Andreev Tunnelling Microscopy: Atomic-scale visualisation of electronic structure and symmetry in spin-triplet superconductors
15	Jaskaran Singh	Mangat	University of Warwick	Massive interstitial strain and magnetic behaviour of the nickelate series Pr _{2-x} CaxNiO _{4+δ} ($\delta \gg 0$, $\delta \approx 0$)
16	Mario Antonio	Ongkiko	University of Birmingham	Simulating ²³ Na NMR of sodium-ion-modified ZIF-62 glass
17	Luke	Pimlott	University of Bath	Light-Induced Interlayer Raman Forces in 2D Materials
18	Pablo	Reiser	University of Bath	Second order transport in two-dimensional electronic Fermi liquid
19	Alex	Roberts	Cardiff University	Tunability of spin texture in conformally-coated 3D nanostructured magnetic metamaterials
20	Thomas	Robinson	University of Bristol	Nanofabrication, characterisation and tuning of Nb ₃ Cl ₈ via photolithography for Ionic Liquid gating:
21	Charles	Sayers	Politecnico di Milano	Electrically Tunable Femtosecond Dynamics of Excitonic Complexes in Single-Layer TMDs
22	Daniel	Skoczek	University of Bristol	Mapping Pressure to Doping in Optimally Doped YBa ₂ Cu ₃ O _{6+x}
23	Arjen	van den Berg	Cardiff University	Topological Solitons and Monopolar Fields in a 3D Artificial Spin-Ice
24	Bruce	Weaver	Rutherford Appleton Laboratory	100 kHz Repetition Rate Extreme Ultraviolet Beamlines at the Artemis Facility