

Monday 31 th August		
08:40		
09:00	Opening	
09:20	J. M. Perez-Mato: Superspace symmetry of magnetically modulated crystals	T1
09:40		
10:00		
10:20	A. P. Tsai: Structure and stability of Mg/quasicrystal interface in Mg-Cd-Yb alloys	PL1
10:40		
11:00	Coffee	
11:20	W. Steurer: Some triclinic approximants of decagonal quasicrystals	S1-L1
11:40	P. Kuczera: Cluster-based solidification and growth algorithm for decagonal quasicrystals	S1-L2
12:00	T. Yamada: Atomic structure of R-Cd (R = Gd, Dy and Tm) icosahedral quasicrystals	S1-L3
12:20	M. Schmiedeberg: Defects in two- and three-dimensional colloidal quasicrystals	S1-L4
12:40	F. Zupanič: Icosahedral quasicrystals precipitated from an aluminium matrix	S1-L5
13:00		
13:20	Lunch	
13:40		
14:00	Obituary Chris Henley	
14:20		
14:40	M. Engel: Cabinet of curiosities: Self-assembly of unusual crystal structures	PL2
15:00	M. Mihalkovič: Deformation of Tsai cluster extracted from high-temperature 1/1 phases - diffraction data refinement assisted by modelling	S2-L1
15:20	R. Lifshitz: Controlling the self-assembly of cluster quasicrystals in systems consisting of one or two types of soft isotropic particles	S2-L2
15:40	M. de Boissieu: Atomic scale simulation of the structure and diffuse scattering of the ZnSc quasicrystal and 1/1 approximant	S2-L3
16:00	N. Fujita: Quasiperiodic canonical-cell tiling with cubic symmetry	S2-L4
16:20		
16:40	Coffee	
17:00		
17:20	C. Hejny: Aperiodic Structures at High Pressure	PL3
17:40		
18:00	J. B. Claridge: Designing Functional Materials in Superspace	S3-L1
18:20	P. Rabiller: Neutron Laue and X-ray diffraction study of a new crystallographic superspace phase in n-nonadecane/urea	S3-L2
18:40	S. Schmid: Oxygen excess and oxygen deficient L-Ta ₂ O ₅ related composite structures	S3-L3
19:00	E. Duverger-Nédellec: P ₄ W ₂₀ O ₆₈ : Successive phase transitions toward charge density wave states	S3-L4
19:20		
19:40	Poster session	P1-50
Tuesday 1 st September		
09:00		
09:20	H. Takakura: Structure models of icosahedral quasicrystals	T2
09:40		
10:00		
10:20	Taku J. Sato: Neutron Diffraction Study on Spiral and Skyrmion-lattice Phases in Multiferroic Compounds	PL4
10:40		
11:00	Coffee	
11:20	S. van Smaalen: Magnetic and nuclear superstructures of CrOCl—the role of magnetic superspace groups	S4-L1
11:40	J. Dolinšek: Magnetic ordering in Ho-Dy-Y-Gd-Tb hexagonal high-entropy alloy	S4-L2
12:00	T. Hiroto: Long-range magnetic ordering in quasicrystal approximant Au-Si-Tb	S4-L3
12:20	G. Gebresenbut: Long range ordered magnetic and atomic structures of the quasicrystal approximant in the RE-Au-Si (RE = Tb and Ho) systems	S4-L4
12:40		
13:00	J. Hlinka: Phasons and amplitudons in incommensurate ferroelectrics, magnetoelectrics, nanotwinned ferroelectrics and relaxors	S4-L5
13:20		
13:40	Lunch	
14:00		
14:20		
14:40	G. Chapuis: A crystallographic excursion in the world of aperiodic natural structures	PL5
15:00	R. Withers: Direct mapping of spatially modulated octahedral tilting and coupled in-plane strain in the (3+2)-D modulated, Li _{1/2-3x} Nd _{1/2+x} TiO ₃	S5-L1
15:20	A. Arkcheeva: 1D commensurate composite structure of the BaVS ₃ , a quasi-1D correlated electron system	S5-L2
15:40	B. Toudic: Aperiodic and periodic spin-state concentration waves erased by light	S5-L3
16:00	C. Li: LaNb _{1-x} W _x O _{4+d} : an Incommensurately Modulated Structure and Conductivity Properties	S5-L4
16:20	Y. Miyazaki: Crystal Structure and Thermoelectric Properties of Incommensurate Higher Manganese Silicides	S5-L5
16:40		
17:00	Coffee	
17:20		
17:40	D. C. Johnson: Ferecrystals (turbostratically disordered misfit layer chalcogenides)	PL6
18:00	W. Neumann: Structure analysis of ferecrystals by advanced methods of transmission electron microscopy: possibilities and limitations	S6-L1
18:20	M. Pasciak: Diffuse scattering and atomistic simulations in prototype antiferroelectric material PbZrO ₃	S6-L2
18:40	A. Simonov: 3D-ΔPDF analysis of diffuse scattering from Urea-Alkane inclusion compounds	S6-L3
19:00	N. M. R. Armstrong: Electron propagation in periodic and quasi lattices via optical spectroscopy in the rare-earth cadmium binary alloys	S6-L4
19:20		
19:40	Poster session	P1-50

Wednesday 2 nd September		
09:00		
09:20	T. Janssen: Usefulness and unusefulness of the superspace approach to aperiodic crystals	
09:40		
10:00		
10:20	Coffee	
10:40	M. Meyer: CrysAlis ^{Pro} - data collection and reduction of incommensurate and quasi-crystals	S7-L1
11:00	S. N. Kabekkodu: Implementation of Modulated and Composite Structures in Powder Diffraction File™	S7-L2
11:20	P. P. Das: Short and long range order analysis (Amorphous to Crystalline) using Electron Diffraction	S7-L3
11:40	L. Boyle: 1D Quasicrystals, Random Matrices, and the Modular Group	S7-L4
12:00		
12:20	Lunch	
12:40		
13:00	Excursion	
Thursday 3 rd September		
09:00		
09:20	N. Strungaru: General Meyer sets and their diffraction spectrum	T3
09:40		
10:00		
10:20	C. Huck: Visible lattice points and weak model sets	PL7
10:40		
11:00	Coffee	
11:20	F. Gähler: A decorated silver mean tiling with mixed spectrum	S8-L1
11:40	S. I. Ben-Abraham: Multidimensional period doubling structures	S8-L2
12:00	A. L. D. Sayawen: A Substitution Tiling with Dense Tile Orientations and 7-Fold Rotational Symmetry	S8-L3
12:20	J. Wolny: Pushing the boundaries of crystallography: Debye-Waller factor redefined	S8-L1
12:40		
13:00		
13:20	Lunch	
13:40		
14:00		
14:20	S. Förster: The two-dimensional oxide quasicrystal and its approximants	PL8
14:40	C. Dong: Cluster-plus-glue-atom model of short-range-order structural units	S9-L1
15:00	Y. Kawamata: Photonic band gap formation in 2D photonic quasicrystals	S9-L2
15:20	A. AlMahboob: Molecular assembly and 2D organic film growth on quasicrystalline surfaces	S9-L3
15:40	H. Pattabhiraman: Phase behaviour of a two-dimensional quasicrystal forming system	S9-L4
16:00	H. R. Sharma: Surface studies of Cd-Yb type quasicrystals and related approximants	S9-L5
16:20		
16:40	Coffee	
17:00		
17:20	B. Lanson: Stacking disorder in natural clays and other lamellar structures	PL9
17:40	M. Quiquandon: Twins Revisited: Quinary Twins and Beyond	S10-L1
18:00	P. Koželj: A high-entropy alloy can be a superconductor: an analysis of the physical properties of Ta ₃₄ Nb ₃₃ Hf ₈ Zr ₁₄ Ti ₁₁	S10-L2
18:20	S. Ravy: Order and coherent diffraction	S10-L3
18:40	N. Takemori: Strong electron correlations in a two-dimensional Hubbard model on the Penrose lattice	S10-L4
19:00		
19:20		
19:40		
20:00	Conference dinner	
Friday 4 th September		
09:00		
09:20	F.-P. Lory: Lattice dynamics in the approximant-crystal o-Al ₁₃ Co ₄	PL10
09:40		
10:00	A. S. Kraemer: Anomalous motion and free flight length distribution in quasiperiodic Lorentz gases	S11-L1
10:20	N. Macé: Fractal exponents for the electronic properties of the Fibonacci chain	S11-L2
10:40	É. Gaudry: Interplay between 3D cluster substructure and 2D surfaces in Al ₅ Co ₂	S11-L3
11:00	Coffee	
11:20	H. Mehrer: Diffusion in Quasicrystals	S12-L1
11:40	A. Sirindil: Structures in the (Sc, Ru) System	S12-L2
12:00	D. D. Dong: Determining the Principal Clusters in Complex Alloy Phases	S12-L3
12:20	W. Sun: Characterization of nanoindentation-induced deformation structure in an Al-Pd-Fe crystalline approximant)	S12-L4
12:40		
13:00	Closing Remarks	