

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

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
11:00	S. N. Kabekkodu: Implementation of Modulated and Composite Structures in Powder Diffraction File™
11:20	P. P. Das: Short and long range order analysis (Amorphous to Crystalline) using Electron Diffraction
11:40	L. Boyle: 1D Quasicrystals, Random Matrices, and the Modular Group
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
09:40	
10:00	
10:20	C. Huck: Visible lattice points and weak model sets
10:40	
11:00	Coffee
11:20	F. Gähler: A decorated silver mean tiling with mixed spectrum
11:40	S. I. Ben-Abraham: Multidimensional period doubling structures
12:00	A. L. D. Sayawen: A Substitution Tiling with Dense Tile Orientations and 7-Fold Rotational Symmetry
12:20	J. Wolny: Pushing the boundaries of crystallography: Debye-Waller factor redefined
12:40	W. Sun: Characterization of nanoindentation-induced deformation structure in an Al-Pd-Fe crystalline approximant)
13:00	
13:20	Lunch
13:40	
14:00	
14:20	S. Förster: The two-dimensional oxide quasicrystal and its approximants
14:40	C. Dong: Cluster-plus-glue-atom model of short-range-order structural units
15:00	Y. Kawamata: Photonic band gap formation in 2D photonic quasicrystals
15:20	H. R. Sharma: Surface studies of Cd-Yb type quasicrystals and related approximants
15:40	H. Pattabhiraman: Phase behaviour of a two-dimensional quasicrystal forming system
16:00	A. AlMahboob: Molecular assembly and 2D organic film growth on quasicrystalline surfaces
16:20	
16:40	Coffee
17:00	
17:20	B. Lanson: Stacking disorder in natural clays and other lamellar structures
17:40	M. Quiquandon: Twins Revisited: Quinary Twins and Beyond
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
18:20	S. Ravy: Order and coherent diffraction
18:40	N. Takemori: Strong electron correlations in a two-dimensional Hubbard model on the Penrose lattice
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 α -Al ₁₃ Co ₄
09:40	A. S. Kraemer: Anomalous motion and free flight length distribution in quasiperiodic Lorentz gases
10:00	N. Macé: Fractal exponents for the electronic properties of the Fibonacci chain
10:20	É. Gaudry: Interplay between 3D cluster substructure and 2D surfaces in Al ₅ Co ₂
10:40	
11:00	Coffee
11:20	H. Mehrer: Diffusion in Quasicrystals
11:40	D. Gratias: Structures in the (Sc, Ru) System
12:00	D. D. Dong: Determining the Principal Clusters in Complex Alloy Phases
12:20	
12:40	
13:00	Closing Remarks