

Erice 2019: Magnetic crystallography

	Start	End	Fri, May 31	Sat, Jun 1	Sun, Jun 2	Mon, Jun 3	Tue, Jun 4	Wed, Jun 5	Thu, Jun 6	Fri, Jun 7	Sat, Jun 8	Sun, Jun 9			
			A R R I V A L S									D E P A R T U R E S			
	08:30	08:45													
	08:45	09:00		Welcome											
09:00	09:00	09:15		Magnetic materials: structure and properties (Fernandez-Diaz)	BCS A1 ISO A1 Fullprof A1	BCS A3 ISO A3 Fullprof A3	GSAS2 A2 SARAh A2 JANA A2	BCS B1 TOPAS A1 Fullprof B1	SARAh B1 ISO B1 JANA B1	GSAS2 B1 TOPAS A3 Fullprof C	BCS C TOPAS B2 JANA C				
	09:15	09:30													
	09:30	09:45		Magnetic space group symmetry (Campbell)											
	09:45	10:00													
10:00	10:00	10:15		Coffee	Coffee	Coffee	Coffee	Coffee	Coffee	Coffee	Coffee				
	10:15	10:30													
	10:30	10:45													
	10:45	11:00													
11:00	11:00	11:15		Magnetic neutron diffraction (Fabele)	BCS A2 ISO A2 Fullprof A2	GSAS2 A1 SARAh A1 JANA A1	GSAS2 A3 SARAh A3 JANA A3	BCS B2 TOPAS A2 Fullprof B2	SARAh B2 ISO B2 JANA B2	GSAS2 B2 TOPAS B1 Fullprof D	[slot available] ISO C JANA D				
	11:15	11:30													
	11:30	11:45		Magnetic representation analysis (Wills)											
	11:45	12:00													
12:00	12:00	12:15		Lunch	Lunch	Excursion 1	Lunch	Lunch	Excursion 2, buffet dinner at Segesta	Lunch	Lunch				
	12:15	12:30													
	12:30	12:45													
	12:45	13:00													
13:00	13:00	13:15													
	13:15	13:30													
	13:30	13:45													
	13:45	14:00													
14:00	14:00	14:15		Magnetic superspace symmetry (Henriques)	Magnetic structure-analysis tools of the Bilbao Cryst. Server (Elcoro)		Symmetry aspects of the coupling between spin/lattice/electronic degrees of freedom (Khalyevin)	Magnetic x-ray scattering (Chapon)		Single crystal magnetic diffraction (Zaharko)	Magnetic polarimetry (Zaharko)				
	14:15	14:30													
	14:30	14:45													
	14:45	15:00													
15:00	15:00	15:15		Magnetic representations vs. magnetic symmetry groups (Perez-Mato)	Magnetic representation analysis with SARAh and SARAh-Refine (Wills)		Magnetism in strongly- correlated electron materials (Garlea)	3 Student lectures		3 Student lectures	Recap				
	15:15	15:30													
	15:30	15:45													
	15:45	16:00													
16:00	16:00	16:15	Coffee	Coffee			Coffee	Coffee		Excursion 2, buffet dinner at Segesta	Coffee	Coffee			
	16:15	16:30													
	16:30	16:45													
	16:45	17:00													
17:00	17:00	17:15	Building magnetic-structure models with the ISOTROPY Suite (Stokes)	Magnetic structure solution and refinement with JANA (Petricek)			Methods for complex magn structs. (Rodriquez-Carvajal)	Quantum magnetism and topological magnetic structures (Sato)		Experimental aspects of magnetic-structure determination (Avdeev)	Future challenges panel discussion				
	17:15	17:30													
	17:30	17:45													
	17:45	18:00													
18:00	18:00	18:15	Magnetic structure solution & refinement with Fullprof (Rodriguez-Carvajal)	New magnetic-structure capabilities of GSAS-II (Von Dreele)			TOPAS as a flexible tool for magnetic structure analysis (Avdeev)	2 Student lectures		2 Student lectures	Closing remarks and awards				
	18:15	18:30													
	18:30	18:45													
	18:45	19:00													
19:00	19:00	19:15	Free time	Free time			Poster session even numbers		Free time	Free time	Free time				
	19:15	19:30													
	19:30	19:45													
	19:45	20:00													
20:00	20:00	-	Welcom buffet + Folk show	Pasta party		Pizza party				Goodbye buffet					