

	giu-03 Fri	giu-04 Sat	giu-05 Sun	giu-06 Mon	giu-07 Tue	giu-08 Wed	giu-09 Thu	giu-10 Fri	giu-11 Sat
08:30		INTRODUCTION							DEPARTURES
09:00		Helen Maynard-Casely Introduction to HP crystallography	Diffpy-CMI YELL Recirpocalspaceship	Diffpy-CMI YELL MD simulations part 1	GU DRUN PDFGETX MDX-LIB	RM CProfile DEBUSSY MD simulations part 1 (?)	RM CProfile DISCUS MD simulations part 2	DISCUS DEBUSSY MD simulations part 2 (?)	
09:45		Dave Keen Historical context of diffuse scattering	Diffpy-CMI YELL Recirpocalspaceship	Diffpy-CMI YELL MD simulations part 1	GU DRUN PDFGETX MDX-LIB	Diffpy-CMI DEBUSSY MD simulations part 1 (?)	RM CProfile DISCUS MD simulations part 2	DISCUS DEBUSSY MD simulations part 2 (?)	
10:30		COFFEE	COFFEE	COFFEE	COFFEE	COFFEE	COFFEE	COFFEE	
11:00		H Ginn X-ray diffraction theory	Diffpy-CMI YELL	Diffpy-CMI YELL Image simulators	Matt Tucker Diffuse scattering in high pressure research	RM CProfile DEBUSSY MDX-LIB	RM CProfile DISCUS SPINVERT	DISCUS SPINVERT DEBUSSY	
11:45		Simon Billinge The pair distribution function	Diffpy-CMI YELL	Diffpy-CMI YELL Image simulators	Nozomi Ando Protein correlated motion	RM CProfile DEBUSSY MDX-LIB	RM CProfile DISCUS SPINVERT	DISCUS SPINVERT DEBUSSY	
12:30		LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	
14:30		A Peck Models of protein diffuse scattering	Nick Sauter (ZOOM) Interpreting macromolecular diffraction	Dectris Detectors	EXCURSION	D Wych Analysis of MD simulations of protein crystals	Karena Chapman in situ and operando total scattering studies	xx	
15:15		Anotnella Guagliardi I scattering in nanomaterials and Debye Scattering Equation metho	Alexei Bosak Tandem use of diffuse and inelastic x-ray scattering	S Meisburger Lattice dynamics in biological diffuse scattering		Joe Paddison unconventional magnetism	K Ayer Biological diffuse scattering at XFELs	A Goodwin Diffuse scattering in materials chemistry	
16:00		COFFEE	COFFEE	COFFEE		COFFEE	COFFEE	COFFEE	
16:30		Arkadiy Simonov at data can tell you: 3D-ΔPDF met le crystal diffuse scattering data	M Wall (ZOOM?) Molecular dynamics simulations of biological diffuse scattering	Dave Keen Data correction		Kirsten Jensen Pair Distribution Function analysis of nanomaterial structure	D Hekstra Time-resolved macromolecular crystallography	Outlook and conclusions	
17:15		Hans-Beat Bürgi se scattering, 3D-DPDF, Monte C and optimization - a case study	Ray Osborn Real Space Maps of Structural Correlations in Quantum Material	Matt Tucker reverse Monte Carlo methods		Reinhard Neder Science with DISCUS	Sylvia Capelli Single crystal neutron diffuse scattering		
18:00		INTRO TO ERICE	POSTER SESION ODD NUMBERS			POSTER SESION EVEN NUMBERS			
20:00	ARRIVALS	WELCOME BUFFET	DINNER AT POSTERS			DINNER AT POSTERS		FAREWELL DINNER	