



LEGEND

Focus Area 1	Focus Area 2
Focus Area 3	Focus Area 4
Focus Area 5	Focus Area "GIG"
KEYNOTE	VENDOR lecture
SOCIAL PROG.	PRIZE

TUESDAY AUGUST 23rd, 2022

ROOM	Exhibition Hall Level 0 & Level 2	Richelieu Amphithéâtre Level 1 (+balcony: level 2)	Montesquieu Level 2
16:00		Welcome desk opening	
18:00		OPENING CEREMONY	Free working room accessible to everyone
19:00		PERUTZ Prize	
20:00	WELCOME RECEPTION		
22:00 - End of Day 1			

WEDNESDAY AUGUST 24th, 2022

ROOM	Exhibition Hall Level 0 & Level 2	Richelieu Amphithéâtre Level 1 (+balcony: level 2)	Lullil Level -1	Condé - Pascal Level 1	Colbert Level 2	Bolleau Level 2	Montesquieu Level 2	Conservatoire Auditorium Conservatoire Level 0
08:30		PLENARY LECTURE by Joakim ESKIÖRNSSON Fighting the enemy – Understanding SARS-CoV-2 and its disease-causing mechanisms						
09:30				COFFEE BREAK				COFFEE BREAK
10:00		MS 2 Infection and Disease/hot structures	MS 44 Crystallography in large scale facilities	MS 35 Artificial intelligence in photon and neutron crystallography, data mining, machine learning	MS 20 Electric, opto-electronic and magnetic properties from elastic and inelastic scattering	MS 45 What is inside the black box?		MS 16 Time-resolved diffraction and scattering techniques
12:00				LUNCH BREAK & POSTERS session 1				12:30-13:30 SIG 8
14:00		MS 15 Mineralogical and inorganic crystallography	MS 4 Structure in Cancer Biology	MS 21 Aperiodic crystals in organic and inorganic compounds and soft condensed matter	MS 48 What should undergraduate students learn about crystallography?	MS 36 Software development in quantum mechanics-based methods of crystallography	Free working room accessible to everyone	MS 29 Crystal engineering: structural flexibility, phase transitions and non-standard manipulation of synthons
16:00				COFFEE BREAK				COFFEE BREAK
17:00		KEYNOTE 4 by Jens Preben Morth The extracellular juncture domains of Type 5 autotransporters	KEYNOTE 8 by Agnès Dewaele Microstructures induced by phase transformations under extreme conditions					KEYNOTE 14 by Alessia Bacchi Configuring material properties by crystal engineering
18:00		SCIENCE SLAM						
19:30		Short Break						
20:00		BAROQUE CONCERT						
21:00 - End of DAY 2								



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THURSDAY AUGUST 25th, 2022

ROOM	Exhibition Hall Level 0 & Level 2	Richelieu Amphithéâtre Level 1 (+balcony: level 2)	Lullil Level -1	Condé - Pascal Level 1	Colbert Level 2	Bolleau Level 2	Montesquieu Level 2	Conservatoire Auditorium Conservatoire Level 0	
08:30		KEYNOTE 6 by Holger Starck Atomic resolution structure determination of larger macromolecular complexes by cryo-EM and X-ray crystallography	KEYNOTE 17 by Catharine Esterhuysen Intermolecular interactions "stabilising" a crystal structure – truth or wishful thinking?					KEYNOTE 13 by Reinhard Neder Analyzing single crystal diffuse scattering	
09:30				COFFEE BREAK					
10:00		MS 28 Navigating crystal forms in molecular and pharmaceutical materials	MS 1 MX/Cryo-EM software development	MS 6 Structural Enzymology	MS 47 New horizons in teaching crystallography in the 21st century	MS 37 Advances in Structure determination of new materials by multi-technique approach including imaging techniques		MS 19 Experimental and theoretical advances in quantum crystallography	
12:00		KALMAN PRIZE							
12:30		LUNCH BREAK & POSTERS session 1							
14:00		MS 13-1 Structural Characterization of Functional Materials	MS 5 Nucleic acids and their interaction	MS 18 Biominerology and bioinspired materials	MS 38 Computations with/for Pair Distribution Functions	MS 26 Quantum mechanical models for dynamics and diffuse scattering		MS 32 Advanced techniques to disclose Structure-Property Relationships	
16:00				COFFEE BREAK					
17:00		KEYNOTE 3 by Virginie Ropars The orchestration of NHEJ factors at DNA double-strand breaks by the Ku70/Ku80 heterodimer	VENDORS LECTURES RIGAKU ELDICO DECTRIS / STOE				Free working room accessible to everyone	KEYNOTE 10 by Paulina Dominiak Quantum crystallography of (macro)molecular crystals for everyone	
18:00		BERTAULT PRIZE PUBLIC LECTURES Celebration of René Just Haüy (bicentennial of his death; 2022-Year of Mineralogy) - Delphine CABARET							
18:30		A scientific yard next to the restoration yard of Notre-Dame de Paris - Philippe DILLMANN							
20:30			Young Crystallographer's Mixer						
22:30	End of DAY 3								

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FRIDAY AUGUST 26th, 2022

ROOM	Exhibition Hall Level 0 & Level 2	Richelieu Amphithéâtre Level 1 (+balcony: level 2)	Lullil Level -1	Condé - Pascal Level 1	Colbert Level 2	Bolleau Level 2	Montesquieu Level 2	Conservatoire Auditorium Conservatoire Level 0
08:30		KEYNOTE 12 by Elspeth Garman Diversity in Crystallography: fact or fiction?	KEYNOTE 1 by Gisela Brändén XFEL- and synchrotron-based serial crystallography studies of the membrane-bound proton pump cytochrome c oxidase					
09:30	COFFEE BREAK							COFFEE BREAK
10:00		MS 7 Membrane Proteins	MS 39 Crystallography at the nanoscale	MS 17 Total scattering studies and disorder	MS 46 Reproducibility in crystallography	MS 22 Complex order in magnetic materials		MS 34 Crystallization Techniques and chemical reactions driven by solid state interactions
12:00	LUNCH BREAK & POSTERS session 2							LUNCH BREAK & POSTERS session 2 SIG 5
14:00		MS 14 Materials for energy storage and Conversion	MS 25 3D electron diffraction for structure solution of organics and proteins	MS 8 Serial crystallography, obtaining structures from many crystals	MS 10 Protein-carbohydrate interactions	MS 42 Solving Structures Through Combination of Reciprocal and Direct Space Methods	Free working room accessible to everyone	MS 33 Supramolecular recognition
16:00	COFFEE BREAK							COFFEE BREAK
17:00		KEYNOTE 5 by Dominique Housset Electron diffraction of 3D nanocrystals: an emerging technique in structural biology	KEYNOTE 16 by Bill David Battery cathode crystal structures: seeking to simplify complexity					KEYNOTE 9 by Marco Milanesio Multivariate innovative methods for the analysis of in situ X-ray powder diffraction data collected in presence of chemical, spatial, temperature or time gradients
18:00		25th Anniversary ECA and 50th Anniversary ECM						
18:45	Short Break							
19:30		Conference Dinner Bus departure at 19:00						
23:00 - End of DAY 4								

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SATURDAY AUGUST 27th, 2022

ROOM	Exhibition Hall Level 0 & Level 2	Richelieu Amphithéâtre Level 1 (+balcony: level 2)	Lullu Level -1	Condé - Pascal Level 1	Colbert Level 2	Bolleau Level 2	Montesquieu Level 2	Conservatoire Auditorium Conservatoire Level 0	
08:30		Plenary lecture Code crack of color diversity - Maguy JABER					Free working room accessible to everyone		
09:30			COFFEE BREAK					COFFEE BREAK	
10:00		MS 13-2 Structural Characterization of Functional Materials	MS 40 Operando and in-situ crystallographic studies	MS 31 Unconventional interactions or symmetries for optimized and new properties, including chirality	MS 43 Crystallography for cultural heritage materials	MS 23 Quasicrystals and complex intermetallic materials		MS 11 Opportunities from combining structural biology and fold prediction	
12:00		LUNCH BREAK & POSTERS session 2						LUNCH BREAK & POSTERS session 2	
14:00		MS 3 Crystallization and biophysical characterization	MS 30 Advanced porous materials : MOFs, COFs, SOFs....and what else?	MS 27 Minerals and Materials Under Extreme Conditions	MS 9 Structural Biology combining methods/High resolution	MS 41 Automation in data collection and processing		MS 24 3D electron diffraction	
16:00		COFFEE BREAK						COFFEE BREAK	
17:00		KEYNOTE 2 by Marjolein Thunnissen Experience and outlook for crystallography at the first MBA based synchrotron MAX IV	KEYNOTE 7 by Phil Lightfoot Structural chemistry of layered hybrid perovskites				KEYNOTE 11 by Tatiana Gorelik Electron crystallography – diverse facets of nanocrystalline materials		
18:00		CLOSING CEREMONY							
19:00 - End of ECM 33 congress									