



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

GOOD TO KNOW ALL WEEK LONG
 Sponsors and partners Exhibition takes place in Level 0 and +2
 Posters are displayed Level-1, Level 0 & Level 2
 Room "Montesquieu", level 2 : working room accessible to everyone

TUESDAY AUGUST 23rd, 2022		
ROOM	Exhibition Hall <i>Level 0 & Level 2</i>	Richelieu Amphithéâtre <i>Level 1 (+balcony: level 2)</i>
16:00		Welcome desk opening
18:00		OPENING CEREMONY
19:00		PERUTZ Prize
20:00	WELCOME RECEPTION	
22:00 - End of Day 1		

WEDNESDAY AUGUST 24th, 2022						
ROOM	Richelieu Amphithéâtre <i>Level 1 (+balcony: level 2)</i>	Lulli <i>Level -1</i>	Condé - Pascal <i>Level 1</i>	Colbert <i>Level 2</i>	Boileau <i>Level 2</i>	Conservatoire Auditorium <i>Conservatoire Level 0</i>
08:30	PLENARY LECTURE by Joakim ESBJÖRNSSON 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	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 junction 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	Richelieu Amphithéâtre <i>Level 1 (+balcony: level 2)</i>	Lulli <i>Level -1</i>	Condé - Pascal <i>Level 1</i>	Colbert <i>Level 2</i>	Boileau <i>Level 2</i>	Conservatoire Auditorium <i>Conservatoire Level 0</i>
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					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					LUNCH BREAK & POSTERS session 1
14:00	MS 13-1 Structural Characterization of Functional Materials	MS 5 Nucleic acids and their interaction	MS 18 Biomaterials 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					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				KEYNOTE 10 by Paulina Dominiak Quantum crystallography of (macro)molecular crystals for everyone
18:00	BERTAUT PRIZE PUBLIC LECTURES					
18:30	Celebration of René Just Haüy (bicentennial of his death; 2022-Year of Mineralogy) - Delphine CABARET 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	Richelieu Amphithéâtre <i>Level 1 (+balcony: level 2)</i>	Lulli <i>Level -1</i>	Condé - Pascal <i>Level 1</i>	Colbert <i>Level 2</i>	Boileau <i>Level 2</i>	Conservatoire Auditorium <i>Conservatoire Level 0</i>
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	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	Richelieu Amphithéâtre <i>Level 1 (+balcony: level 2)</i>	Lulli <i>Level -1</i>	Condé - Pascal <i>Level 1</i>	Colbert <i>Level 2</i>	Boileau <i>Level 2</i>	Conservatoire Auditorium <i>Conservatoire Level 0</i>
08:30	Plenary lecture Code crack of color diversity - Maguy JABER					
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						