

2021 Virtual Denver X-ray Conference Program Schedule

Event	Live Chat	Subject	Monday, 2 Aug	Tuesday, 3 Aug	Wednesday, 4 Aug	Thursday, 5 Aug	Friday, 6 Aug
Daily Introductions	8:30 am – 9:00 am EDT	All	Tim Fawcett & Conference Services	Tom Watkins & Awards	Andy Drews & Awards	Tom Blanton	Peter Wobrauschek
Workshops	9:00 am - 12:00 pm EDT	Special Topics				Imaging (Sun/Leung)	9:00 am – 10:30 am EDT Live Poster Session
		XRD	Materials Identification (Fawcett/JBlanton)	Intermediate to Advanced XRD (TBlanton/Misture/Rodriguez)	Quantitative Phase Analysis (Kaduk)	Non-ambient XRD (Puhr)	
			Advanced PDF Modelling (Aoun/Page)				
		XRF	Sample Preparation of XRF (Anzelmo)	Micro XRF (Zaitz/Tsuji)	EDS Detectors (Drews/Redus/Strüder)	Handheld XRF (Loubser)	10:30 am – 12:00 pm EDT Live Q&A: Quantitative Analysis of XRF
			Trace Analysis (Wobrauschek)	Quantitative Analysis of XRF (Vrebos) <i>handouts only</i>			
			Layered Structures (Wobrauschek/Hradil)				
Featured Presentations	12:00 pm - 1:00 pm EDT	All	Insights into the SARS-CoV-2 Main Protease obtained using X-ray and Neutron Diffraction (Coates)	Energy Materials: Advances Made Watching Atoms Move (Manley)	Metal Halide Perovskites for Solar Photovoltaic Applications: A Neutron Perspective (Gehring)	The Lithium Battery: The Origins to Domination the Role of Structure and Disorder (Whittingham)	Full-Field X-ray Fluorescence Imaging With Coded Apertures (Kulow)
Oral Sessions	1:00 pm - 4:00 pm EDT	Special Topics	New Developments in XRD & XRF Instrumentation (Fawcett/Drews)		X-ray Absorption Spectroscopy (Seshadri)	Machine Learning Techniques in X-ray Analysis (Mehta/Cherukara)	Industrial Applications of XRD & XRF (Broton)
						Imaging (Sun/Leung)	
						Functional Materials (Meirer)	Cultural Heritage (Schmeling)
						Non-ambient Analysis (Wheaton)	
		XRD	Advanced Total Scattering Methods for Complex Material Studies (Aoun/Page)	General XRD (Murray)	Quantitative Phase Analysis (Kaduk)		
	Stress Analysis (Watkins)						
XRF	Trace Analysis including TXRF (Krämer)	General XRF (Fittschen)	Quantitative Analysis of XRF (Brehm)				