2020 Virtual Denver X-ray Conference Program Schedule

Event	Live Chat	Subject	Monday, 3 Aug	Tuesday, 4 Aug	Wednesday, 5 Aug	Thursday, 6 Aug	Friday, 7 Aug
Workshops	9:00 am -12:00 pm	Special Topics	Polymers **(Murthy/Landes)**	Thin Films **(Zaitz/Sunder)**	X-ray Optics **(Gao/Sachs/Vogt)**		
		XRD	XRD Sample Preparation **(Fawcett/Quick/Rodriguez)**	Understanding your Diffractometer – Tips and Tricks **(Blanton/Watkins)**	Stress Analysis **(Watkins/Gnaupel-Herold)**	Two-Dimensional Detectors **(Blanton/He)**	
		XRF	Sample Preparation of XRF **(Anzelmo/Audet)**	Basic XRF **(Anzelmo/Zaitz)** *handouts only*	Micro XRF **(Zaitz/Tsuji)**	Trace Analysis **(Wobrauschek/Streli)**	Live Q&A: -Sample Preparation of XRF -Basic XRF
		XRF	Quantitative Analysis of XRF **(Elam/Vrebos/Kawakyu)** *handouts only*	Handheld XRF **(Seyfarth/Russell)**		Multi-model XRF Microscopy Fitting Tools **(Crawford/Antipova)**	Live Q&A: Quantitative Analysis of XRF
Featured Presentations & Awards	12:00 pm - 1:00 pm		Plenary: Secrets of the Smithsonian and Library of Congress **(Blanton)** "Investigations in the Smithsonian Gem and Mineral Collection: Challenges and Opportunities" **(Post)**	Plenary: Secrets of the Smithsonian and Library of Congress **(Blanton)** "Cultural Heritage Science and the Material of Memory" **(Brostoff)**	Plenary: Secrets of the Smithsonian and Library of Congress **(Blanton)** "Energy Dispersive X-ray Spectroscopy of 19th-Century Dental Fillings" **(Owsley/Rose)**	Awards: XRD Best Posters Featured Presentation: *"High Temperature X-ray Diffraction for Fundamental Understanding of Nucleation and Growth of Glass-Ceramics"* **(Wheaton)**	Awards: XRF Best Posters Featured Presentation: "The Modern Microcalorimeter: A Broadband, High Resolution, High Throughput Detector for the X-ray Sciences" **(Swetz)**
Oral Sessions	1:00 pm - 4:00 pm	Special Topics	New Developments in XRD & XRF Instrumentation **(Fawcett/Drews)**	Cultural Heritage **(Schmeling)**	Imaging **(Cakmak)**	X-ray Absorption Spectroscopy **(Seshadri)**	Virtual Tour and Remote Access to National Facilities **(Lapidus)**
		Special Topics		Polymers **(Murthy/Landes)**		Machine Learning Techniques in X-ray Analysis **(Mehta/Cherukara)**	
		XRD	Neutron Diffraction **(Wu/Payzant)**	Ceramics **(Misture/Payzant)**	General XRD **(Murray)**	Rietveld **(Degen/Adibhatla)**	Materials for Energy/Sustainability **(Wong-ng/Runcevski)**
		XRD		Stress Analysis **(Watkins)**			
		XRF	Trace Analysis **(Wobrauschek)**	General XRF **(Worley)**	Quantitative Analysis of XRF **(Brehm)**	Advanced Fundamental Parameters **(Szabo-Foster)**	Food, Environment **(Russell)**
		XRD & XRF					Industrial Applications of XRD & XRF **(Broton)**
Poster Sessions	3:00 pm - 5:00 pm	XRD	XRD Poster Session				
		XRF		XRF Poster Session			