2024 Denver X-ray Conference • Program-at-a-Glance • Monday – Friday • 5 – 9 August

Monday Morning Workshops 9:00am – 12:00Noon

	Meeting Rooms			
	Standley I	**Standley II**	**Cotton Creek**	**Meadowbrook**
Special Topic	Introduction to Machine Learning for X-ray Analysis – Part 1 (**Joress/DeCost/McDannald**)			
XRD		Sample Preparation for XRD (**Fawcett**)	Non-ambient XRD (**Misture**)	
XRF				Basic XRF (**Drews/Wobrauschek**)

Monday Afternoon Workshops 1:30pm – 4:30pm

Special Topic	Introduction to Machine Learning for X-ray Analysis – Part 2 (**Joress/DeCost/McDannald**)	Practical Microcomputed Tomography (**Stock**)		
XRD				
XRF			XRF of Layered Structures (**Wobrauschek**)	Quantitative XRF (**Kawakyu/Seyfarth**)

<div align="center">Monday Evening XRD Poster Session & Reception | 5:00pm – 7:00pm (Watkins/Cakmak) | Westminster Foyer</div>

Tuesday Morning Workshops 9:00am – 12:00Noon

Special Topic	Machine Learning and Autonomous for X-ray diffraction: An "Unconference" – Part 1 (**Joress/DeCost/McDannald**)	X-ray Sources and Optics (**Drews**)		
XRD				
XRF			Sample Preparation for XRF (**Cruz Hernandez**)	Micro XRF (**Tsuji**)

Tuesday Afternoon Workshops 1:30pm – 4:30pm

Special Topic	Machine Learning and Autonomous for X-ray diffraction: An "Unconference" – Part 2 (**Joress/DeCost/McDannald**)			
XRD		Stress Analysis (**Watkins**)	2D Detectors (**Blanton/He**)	
XRF				XRF Trace Analysis (**Wobrauschek**)

<div align="center">Tuesday Evening XRF Poster Session & Reception | 5:00pm – 7:00pm (Schmeling/Eichert) | Westminster Foyer</div>

<div align="center">Wednesday Morning Plenary Session – Bio-Medical Imaging
Standley I & II, 8:30am – 11:45am (Misture)</div>

Wednesday Afternoon Sessions

Special Topic	New Developments in XRD & XRF Instrumentation (**Fawcett/Drews**)			
XRD		Stress and Texture Analysis (**Watkins**)	Rietveld and PDF Applications (**Stone**)	
XRF				Quantitative Analysis of XRF (**Heirwegh**)

<div align="center">Wednesday Evening Vendor Sponsored Reception | 5:00pm – 7:00pm | Westminster Ballroom</div>

Thursday Morning Sessions

Special Topic	Mining, Recycling, and Sustainable Materials (**Tsuji**)		Cultural Heritage (**Schmeling**)	
XRD		General XRD – Part 1 (**Okasinski**)		
XRF			Trace Analysis (**Schmeling**) *beginning 10:40am*	Micro XRF and Synchrotron Applications (**Wobrauschek**)

Thursday Afternoon Sessions

Special Topic	Bio-Medical (**Greenwood**)			
XRD		General XRD – Part 2 (**Okasinski**)	Non-ambient Measurements (**Drews**)	
XRF				General XRF (**Fittschen**)

Friday Morning Sessions

Special Topic	Machine Learning Techniques in X-ray Analysis (**Mehta/Cherukara**)	Energy Materials Characterization (**Rodriguez**)		
XRD			Industrial Applications of XRD (**Fawcett**)	
XRF				Industrial Applications of XRF (**Dutta**)

<div align="center">Session times vary. Please consult Program Book.
www.DXCICDD.com</div>