

WEDNESDAY PM

XRF

FUSION AND INDUSTRIAL APPLICATIONS OF XRF

EVERGREEN B

Chair: J.A. Anzelmo, Anzelmo & Associates, Inc., Madison, WI

- 2:00 F-1 **Invited—Applications of X-ray Fluorescence in the Titanium Dioxide Industry**
L. Ottmar, Millennium Inorganic Chemicals, Glen Burnie, MD
- 2:30 F-27 **Global Cement and Raw Materials Fusion/XRF Analytical Solution: Part 2**
M. Bouchard, J. Anzelmo, S. Rivard, Corporation Scientifique Claisse, Quebec, Canada
A. Seyfarth, L. Arias, Bruker-AXS, Madison, WI
K. Behrens, S. Durali-Müller, Bruker-AXS GmbH, Karlsruhe, Germany
- 2:50 F-24 **Advancing Photovoltaics: New Methods for the Determination of Czts Stoichiometry**
W. Brubaker, DuPont Central Research and Development, Wilmington, DE
- 3:10 **Break**
- 3:40 F-23 **Invited—Applications of XRF in CRM Development at the National Institute of Standards and Technology**
J.R. Sieber, NIST, Gaithersburg, MD
- 4:10 F-2 **Certifying Lead Content in Child-Accessible Products, a New Generation of Calibration and Certified Reference Materials**
J.B. Sardisco, K.A. Perrin, J.S. Crnko, Analytical Services, Inc., The Woodlands, TX
- 4:30 F-14 **Waste Reduction Process Improvements in the Analysis of Plutonium by X-ray Fluorescence: Results from Multiple Data Sets**
C.G. Worley, C.B. Soderberg, L.E. Townsend, Los Alamos National Laboratory, Los Alamos, NM
- 4:50 F-8 **Combining CdTe and Si Detectors for Energy-Dispersive X-ray Fluorescence**
R. Redus, T. Pantazis, J. Pantazis, A. Huber, Amptek, Inc., Bedford, MA
B. Cross, CrossRoads Scientific, El Granada, CA

THURSDAY AM

XRD

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Chairs: J. Kaduk, Poly Crystallography Inc., Naperville, IL

S.T. Misture, NYS College of Ceramics at Alfred University, Alfred, NY

- 9:00 D-54 **Invited—Synchrotron Powder X-ray Diffraction Study of the Structure and Dehydration Behaviors of Sepiolite and Palygorskite**
J.E. Post, Smithsonian Institution, Washington, DC
P.J. Heaney, Pennsylvania State University, University Park, PA
- 9:30 D-58 **Invited—Applications of Time-Resolved Synchrotron X-ray Diffraction to Mineral-Fluid Reactions**
P.J. Heaney, T.B. Fischer, C.R. Fleeger, D.R. Hummer, K.M. Peterson, A.J. Wall, Penn State University, University Park, PA
J.E. Post, Smithsonian Institution, Washington, DC