



Contribution ID: 21

Type: **Poster**

## **Fingerprinting uranyl minerals with oxygen K-edge NEXAFS**

*Tuesday 20 May 2014 17:30 (4h 30m)*

There is a great variety of secondary uranium minerals. In spite of water molecules associated with these minerals, they can be classified by their oxygen K-edge x-ray absorption spectra, opening the door for advanced molecular and isotopic uranium analysis.

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**Session Classification:** Poster

**Track Classification:** Actinides in Environmental and Life Sciences