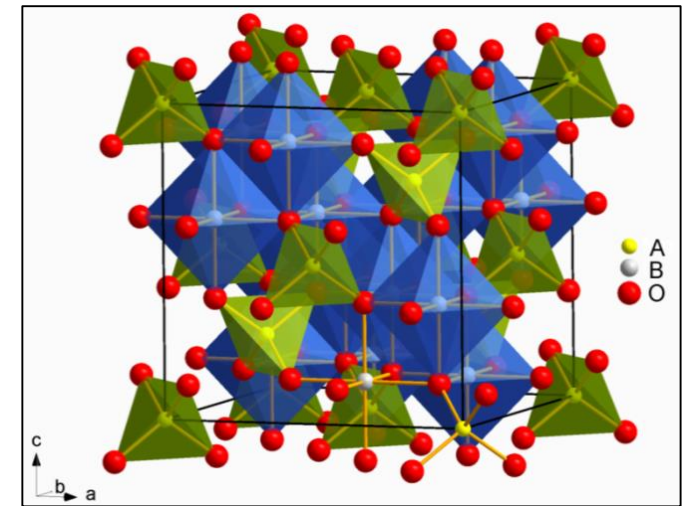


VL Rietveldverfeinerung (Rietveld Refinement) wird im SS 2020 gehalten



Blockveranstaltung:

Dozent: **Dr.-Ing. M. Bekheet**

Inhalt: The main topic will be the Rietveld-refinement, i.e. the improvement of structure solutions from powder data. Theoretical and practical aspects will be discussed. The students will measure XRD pattern of some samples and refine the data. In addition, further aspects of powder diffraction like structure parameters determination, phase analysis, texture determination, crystallite size determination, preferred orientation analysis and residual stress measurement will be treated.

Termine: **12.10. – 15.10.20**

von 10:00-13:00 Uhr

Raum: BA 316/317

Prüfung: nach Absprache

Anmeldung: Verbindliche Anmeldung bis **8.10.2020** an

Frau Amtsfeld „Anne-Claude.Amtsfeld@ceramics.tu-berlin.de“

The students should bring their
laptop to the lecture.