ADVANCED CHARACTERIZATION METHODS

Recent Advances in Electron Back-Scattered Diffraction and Related Techniques

This symposium focuses on the use of Electron Backscattered Diffraction (EBSD) in the Scanning Electron Microscope (SEM) but contributions on related SEM based techniques are encouraged as well including Transmission Kikuchi Diffraction (TKD), Electron Channeling Patterns (ECP) and Electron Channeling Contrast Imaging (ECCI).

We invite contributions in the following areas:
- Advances in theory, modeling, indexing and interpretation of diffraction patterns.
- Novel analysis and quantitative metrics of EBSD data
- Advances in detector systems, including direct electron detection.
- EBSD, TKD, and/or ECP/ECCI applications in Materials Science
- EBSD, TKD, and/or ECP/ECCI applications in Geology
- Open-source software related to EBSD, TKD, ECP, ECCI

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