

Exciting Content in the September 2016 Issue

This Issue of *Powder Diffraction* is particularly exciting because of the breadth and scope of the content. I hope as a reader you find it to have a good number of articles of interest and value.

In summary, there are fourteen manuscripts – nine Technical Articles, four New Diffraction Data, and one Data Report – as well as International Reports on the recent TMS 2016 Meeting and Exposition and the 2016 ICDD Annual Meeting. The Calendars for Forthcoming Meetings and for Short Courses and Workshops wrap up the issue. The New Diffraction Data and the Data Report contributions continue the valuable reporting of high-quality diffraction data of new phases of high value to the diffraction community. In increasing frequency, these include both the crystal structure and reference powder patterns.

The Technical Articles cover an unusually wide variety of diffraction studies and methods. Manuscripts include: using anomalous powder diffraction synchrotron data to quantitate

cation disorder; the determination of the structures of two important Active Pharmaceutical Ingredients (APIs); the impact of organic matter in quantitative phase analysis by the Rietveld method; success and guidelines for quantitative neutron powder diffraction when one of the phases is magnetic; development of a method for evaluating dislocation parameters via Rietveld methods; the certification of a new respirable alpha quartz Standard Reference Material; the impact of lead doping of a bismuth copper selenate on crystal structure and thermoelectric properties; and the estimation of uncertainties in XPD intensities when using a two-dimensional detector.

As Editor in Chief I am particularly pleased with the quality and breadth of this issue's content and wish to thank all the contributors.

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