



Contribution ID: 236

Type: **Talk**

## The latest X-ray analysis solutions from Anton Paar

*Wednesday, 16 March 2022 15:30 (20 minutes)*

With the recent launch of the XRDynamic 500 automated multipurpose powder X-ray diffractometer, Anton Paar has expanded its portfolio of high-performance X-ray analysis solutions which also includes SAXS instrumentation, non-ambient XRD attachments, X-ray sources, and X-ray optics.

XRD and SAXS are vital tools to study the atomic and nanoscale structure of materials in both fundamental and applied research environments as well as in industrial research and quality control areas. The methods are also complementary and can reveal information about the crystal structure, phase purity, pore size, specific surface, particle/crystallite size, and more, which are fundamental in understanding the physical and chemical properties of a material.

This contribution will showcase the latest developments from Anton Paar in the fields of XRD and SAXS, including application examples to showcase the benefits for laboratory X-ray measurements.

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**Session Classification:** Cutting Edge Tools for Crystallography