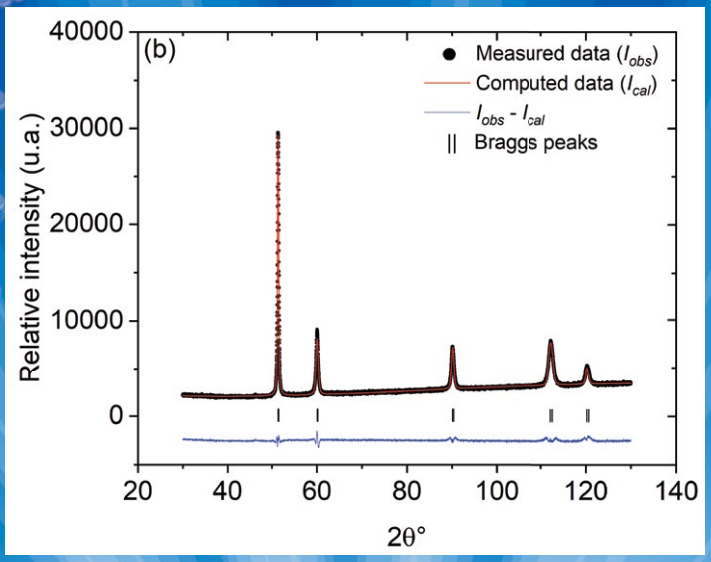
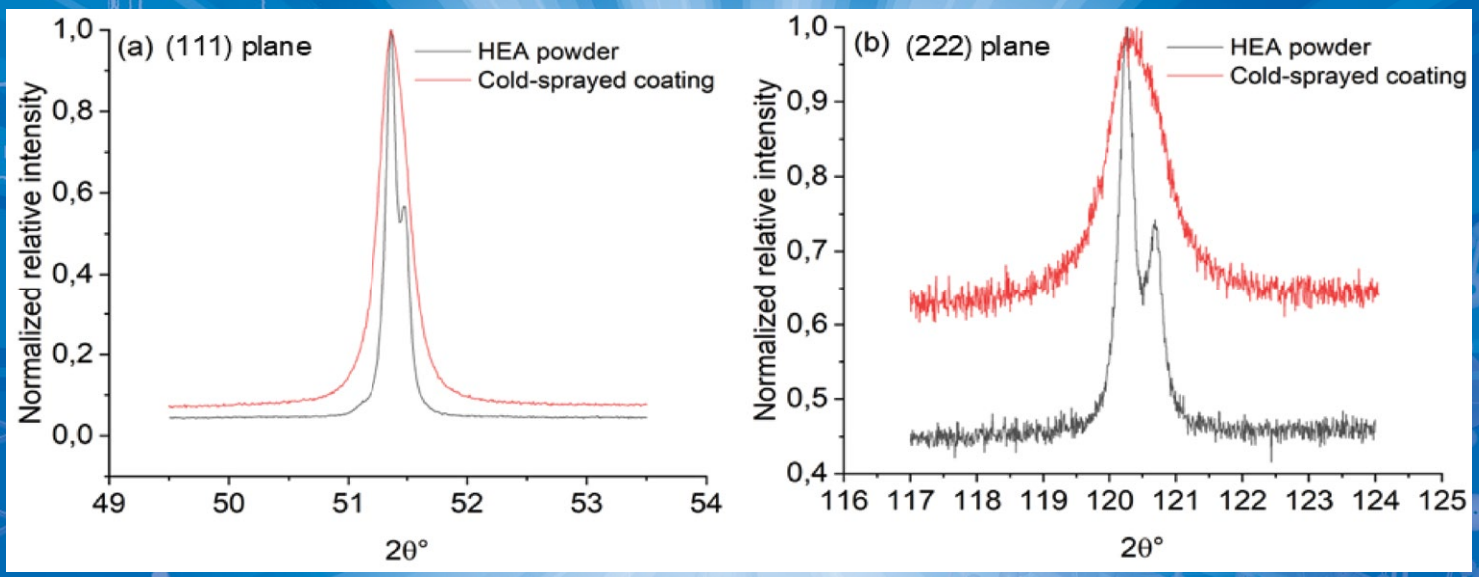
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Aims & Scope
ICDD's quarterly, and special topical issue, international journal, *Powder Diffraction*, focuses on materials characterization employing X-ray powder diffraction and related techniques. With feature articles covering a wide range of applications, from mineral analysis to epitactic growth of thin films to advances in application software and hardware, this journal offers a wide range of practical applications. ICDD, in collaboration with the Denver X-ray Conference Organizing Committee, has increased services for the subscribers of Powder Diffraction and authors of Advances in X-ray Analysis. Beginning in 2006, ICDD offered a copy of the previous year's edition of AXA to Powder Diffraction institutional subscribers who receive both print and on-line versions. This effectively doubles the number of articles annually available to Powder Diffraction subscribers and significantly increases the circulation for the authors in Advances in X-ray Analysis.

Subject coverage includes:
- Techniques and procedures in X-ray powder diffractometry
- Advances in instrumentation
- Study of materials including organic materials, minerals, metals and thin film superconductors
- Publication of powder data on new materials

International Centre for Diffraction Data
The International Centre for Diffraction Data (ICDD®) is a non-profit scientific organization dedicated to collecting, editing, publishing, and distributing powder diffraction data for the identification of materials. The membership of the ICDD consists of worldwide representation from academe, government, and industry.

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On the Cover: The cover for this issue of *Powder Diffraction* was prepared using figures from "X-ray Diffraction Pattern Analysis of CrFeCoNi High Entropy Alloy Deposited via Cold Spray" by Claudio Aguilar, Universidad Tecnica Federico Santa Maria, Alessio Silvello, Universitat de Barcelona, Irene Garcia-Cano, Universitat de Barcelona, and Jose Maria Cabrera, Universitat Politecnica de Catalunya.

The top figure shows the XRD pattern and Rietveld fit of the cold-sprayed high entropy coating. The bottom figure compares the XRD peak profiles for the high entropy alloy powder and the cold spray coatings. While the lattice parameters of the two samples are basically unchanged, the cold-sprayed coating shows a substantial reduction in crystallite size and increase in microstrain.

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