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When Raman and friends go to the mountains – correlative analysis with MountainsSpectral®

Based on science's most trusted analysis software platform, MountainsSpectral® is a comprehensive, dedicated solution for processing & combining images and other data from spectroscopic techniques including Raman, TERS, IR, nanoIR, fluorescence, photoluminescence, cathodoluminescence, EDX/EDS and XPS as well as microscopy data.

In particular, it opens up new possibilities and workflows for the analysis of spectroscopic data including: spectral map processing and enhancement, colocalization for correlative analysis, topographic analysis tools for AFM images, SEM image 3D reconstruction, particle analysis and spectral analysis.
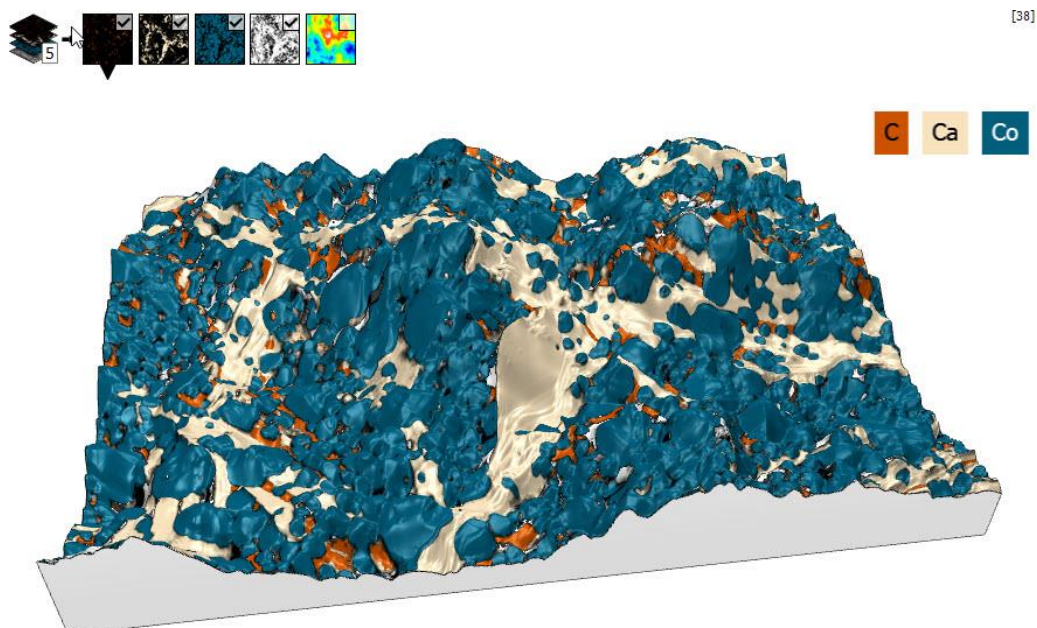
Figures

Figure 1: 3D model of surface topography generated from SEM images with overlay of chemical composition (EDS maps) on a Cobaltite sample.
Courtesy of Emmanuel Guilmeau, CRISMAT (Caen, France), Jean-Claude Ménard, JEOL France.