

Providing microscopy supplies and specimen preparation equipment to our valued customers for half a century.





PELCO® TEM Support Films Holey Silicon Nitride - Graphene Carbon - Formvar



Pelcotec[™] CDMS-XY **Calibration Standards - Magnification Resolution - LM - SEM - FESEM**



www.tedpella.com sales@tedpella.com 800-237-3526





Thermo ScientificTM AvizoTM 3D visualization of two large adjacent crystalline dendrites of a bulk-metallic-glass matrix composite $(Zr_{ss.5}Ti_{14.3}Nb_{s.2}Cu_{s.1}Ni_{4.9}Be_{11.0})$. Data was obtained by large volume serial sectioning tomography using the Thermo Scientific HeliosTM PFIB DualBeamTM microscope. The sectioned block is about $90 \times 80 \times 70$ µm³. Sample from The University of Tennessee, USA. Images courtesy of The University of Manchester.

Large 3D volumes with unprecedented surface resolution

Until recently, available technologies have limited the volumes and depths of materials that can be analyzed at high resolution, ultimately restricting the insight into structural, crystallographic, and chemical properties. This is no longer the case. The Thermo Scientific Helios PFIB DualBeam microscope offers unrivaled access to regions of interest deep below the surface—combining serial section tomography with statistically relevant data analysis.

Find out more at thermofisher.com/EM-Sales



© 2018 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are the property of Thermo Fisher Scientific and its subsidiaries unless otherwise specified.