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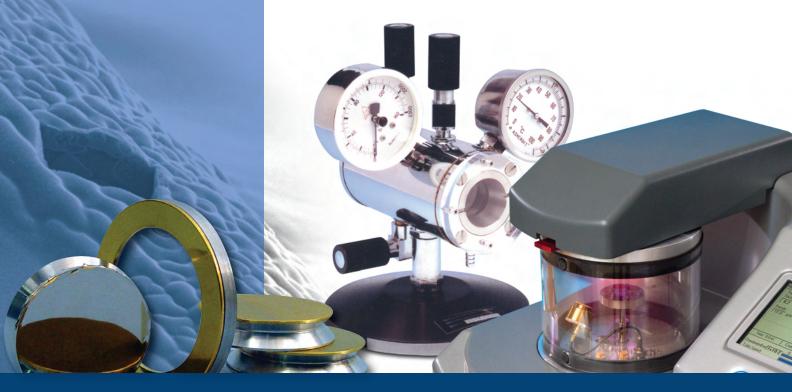
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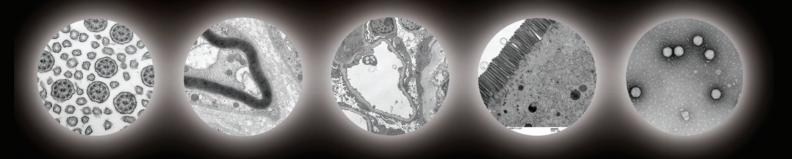
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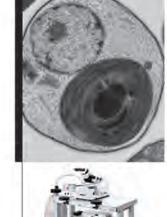
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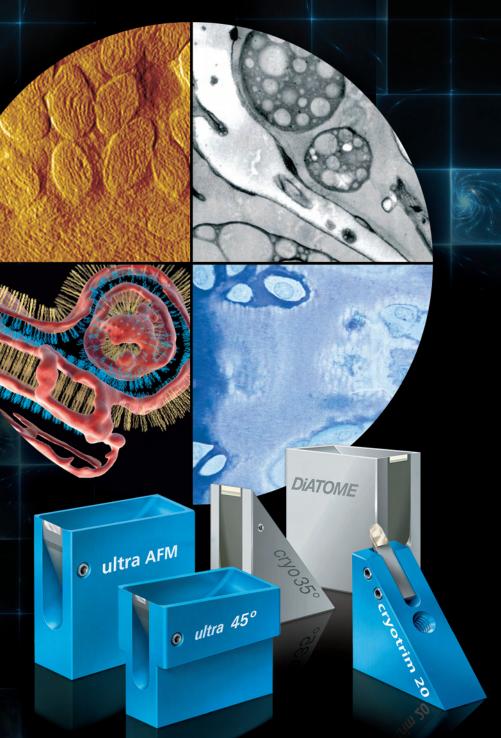


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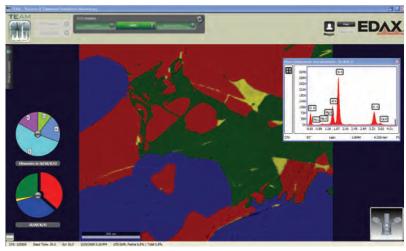
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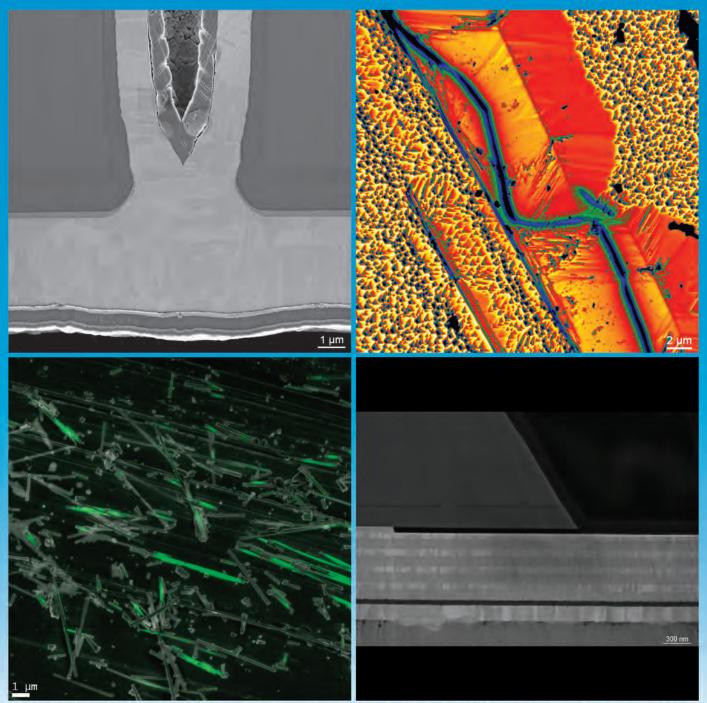


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Images (clockwise from top left): Semiconductor materials: Through Silicon Via sample prepared on Gatan Ilion¹¹¹ Photovoltaic materials: Electron Beam Induced Current (EBIC) Image of defect In multi-orystalline silicon produced with Gatan quantitative SmartEBIC system, false colored using a thermal scale. Electronic materials: Active region of a commercial LED prepared using the Gatan Ilion¹¹¹ Nano-materials: Included with Gatan quantitative SmartEBIC system, false colored using a thermal scale. Electronic materials: Active region of a commercial LED prepared using the Gatan Ilion¹¹¹ Nano-materials: Included with Gatan annowires. In-lens secondary electron image overlaid with panchromatic CL image (green); images acquired simultaneously with Gatan MonoCL⁴¹ imaging and spectroscopy system



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Visualization of hydrogen atomic columns in YH₂ by ABF imaging (Y = red, H = green) Data courtesy of Ryo Ishikawa and Dr. Eiji Abe (The University of Tokyo)