OXFORD INSTRUMENTS

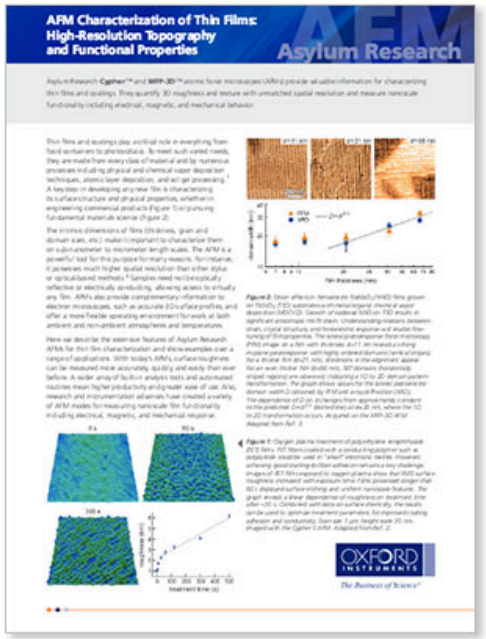
The Business of Science®

Learn how AFM can help you study the ionic liquid Stern layer with unmatched resolution

Ionic liquids have potential as electrolytes for future electrochemical devices. But current analytical techniques lack the resolution and capabilities to study the ionic liquid Stern layer.

Atomic force microscopy may be the answer. Click the button below to download this free 8-page application note. You'll learn:

- Why AFM may be the best choice for advancing our understanding of ionic liquids and their interfacial dynamics
- Studying the nanostructure of the ionic liquid-graphite Stern Layer
- Analyzing the ionic liquid Stern layer on graphite as a model system for carbon-based electrodes in capacitors
- Using photothermal excitation to provide smooth cantilever oscillation - resulting in a "clean" signal for ionic liquid AFM experiments



Download the App Note Now