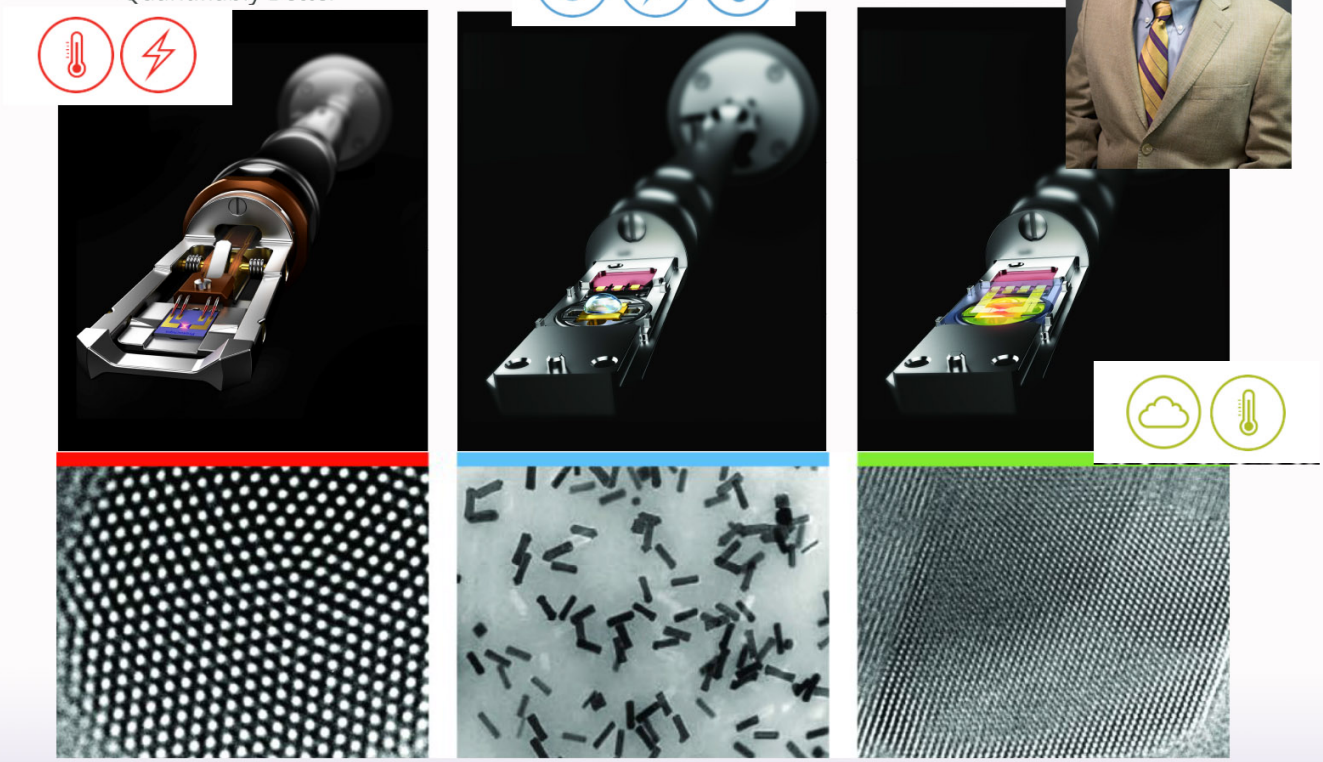
THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

Frontiers in Microscopy & Microanalysis

Protochips In Situ EM-Systems: Integrated Solutions Tailored for the Core Laboratory

Protochips
Quantifiably Better™



New innovations are transforming Transmission Electron Microscope (TEM) from a simple high-resolution image acquisition tool into a nanoscale materials research and development laboratory.
Researchers can now better understand material behavior by analyzing samples in real-world gas or liquid environments, at high temperature and with ultra-low noise electrochemical and electrical biasing techniques.
With in situ tools from Protochips, materials research occurs in highly controlled environments at high resolution without sacrificing the analytical capabilities of the TEM such as EDS.
Applications include heterogeneous catalyst reactions, nanostructure nucleation and growth, battery and fuel cell materials, high temperature nanoparticle behavior, semiconductor devices, and a growing interest in a number of biological samples.

Talk by: Steve Shannon, Protochip, USA
Wednesday 5th of October 2016 - 10:00 to 11:30am
AIBN #75; Level 4 Seminar Room