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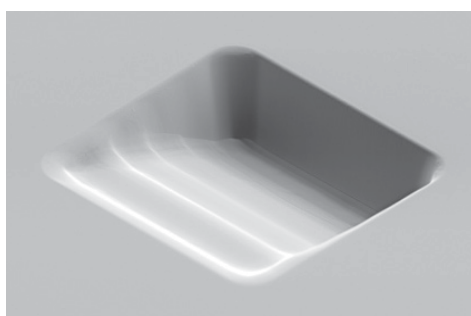
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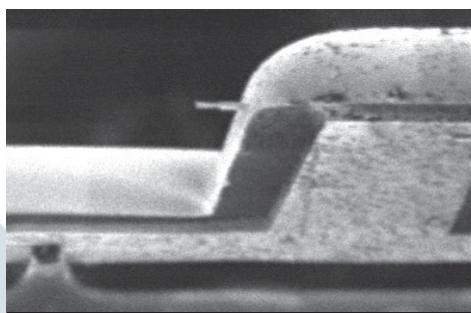
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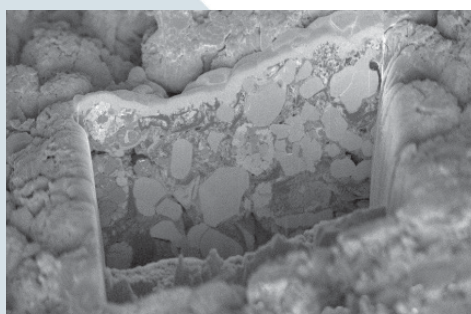
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Cross-section 50 µm wide prepared with an ion beam current of 85 nA.



1 keV FIB image of a lamella on the TEM grid.



50 µm-long cross-section prepared in a Li-ion battery cathode



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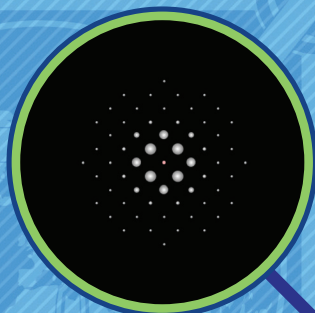
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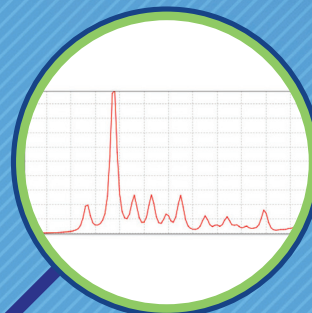
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(Kikuchi Patterns)



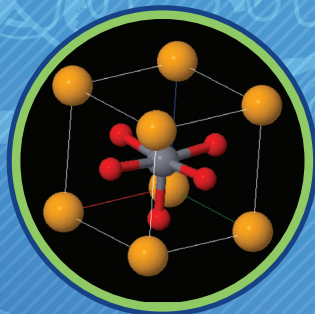
SAED Patterns
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Patterns



3D Structures



2D Diffraction
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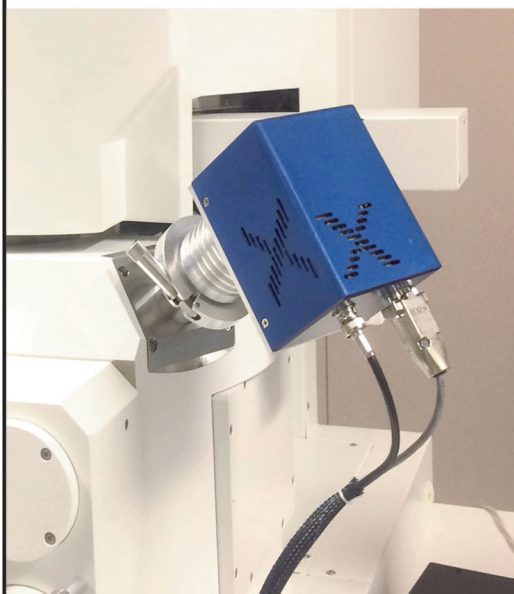
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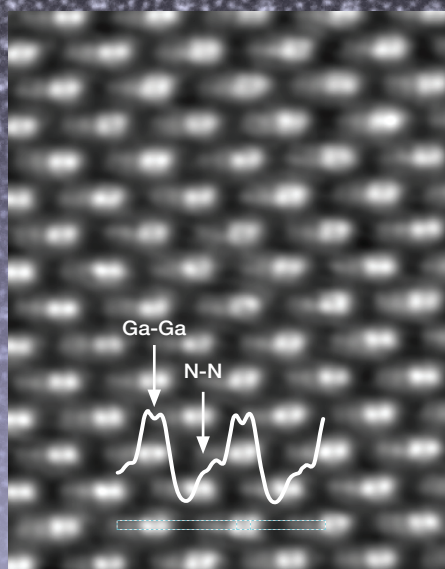
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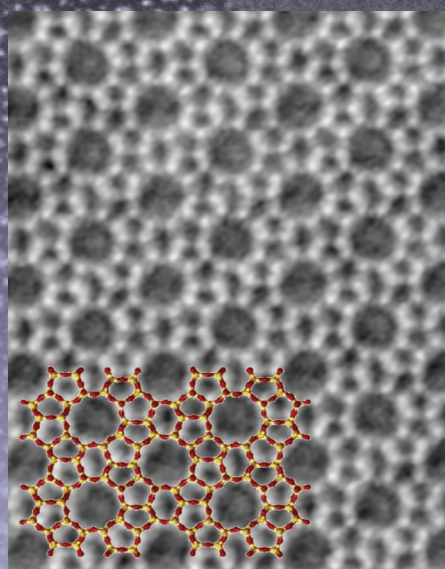
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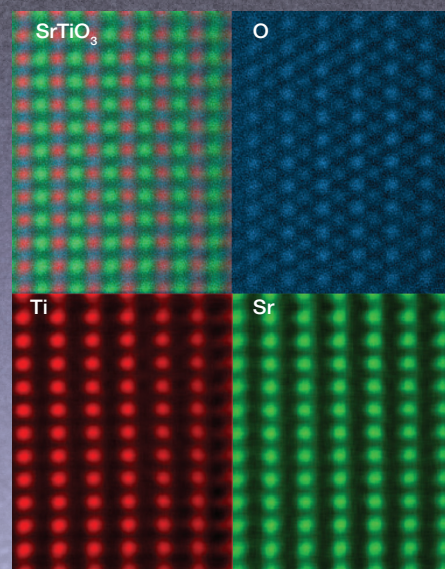
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iDPC image showing simultaneous 63 pm splitting of Ga-Ga and N-N columns in GaN [211].



Atomic resolution image of ZSM-5 Zeolite showing the complicated arrangement of the Si (yellow) and O (red) atoms in the structure (1). 1. J. Su et al, *Microporous and Mesoporous Materials* 189 (2014) 115–125.



Atomic resolution EDS Mapping of [110] oriented SrTiO₃ at 200kV using the Thermo Scientific™ Dual-X detector configuration.

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CONGRATULATIONS TO THE 2017 DIATOME POSTER AWARD WINNERS

DIATOME hosts a poster contest each year during Microscopy & Microanalysis annual meeting where members of the MSA council select the best poster presentation using Diamond Knives. DIATOME is proud to announce the following award winners for the 2017 meeting.

2nd PLACE WINNER (A finely sculptured Swiss Watch): Melainia McClain
Poster: Rapid Automated en Bloc Staining for SEM of Sections

3rd PLACE WINNER (A finely sculptured Swiss Watch): Sz-Chian Liou
Poster: A Novel Approach in Sample Preparation of Li Content Materials for TEM Research

ELECTRON MICROSCOPY SCIENCES also gave away three free classes at the new EMS Academy to the following winners:

Melainia McClain, Stowers Institute for Medical Research
Marcia M. Miller, Ph.D, City of Hope, Beckman Research Institute
Bobbie L. Schneider, B.A., Fred Hutchison Cancer Research Center

A heartfelt Congratulations is extended from DIATOME and EMS to the Winners.

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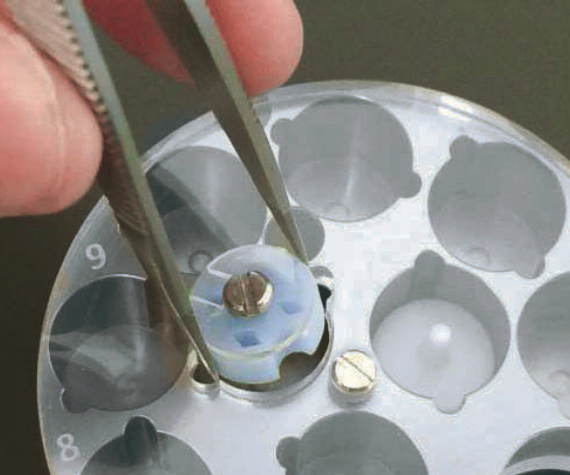
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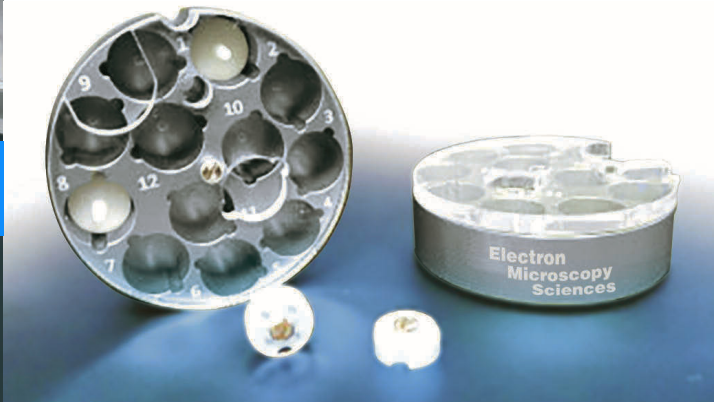
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71168-10



71168-12



71168-13

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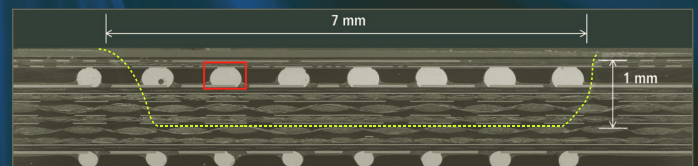
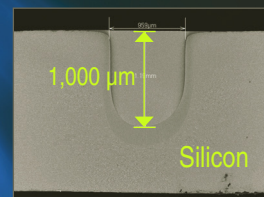
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