

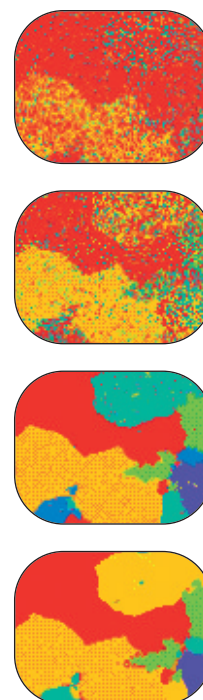


Yes, it is that simple.

With the Thermo Scientific NORAN SIX X-ray Microanalysis System, all it takes is a single button press to go from Sample to Answers in an instant. New and exclusive Direct to Phase software combines the steps of setting up the acquisition, waiting for the data to be collected and producing the results into a single, integrated procedure.

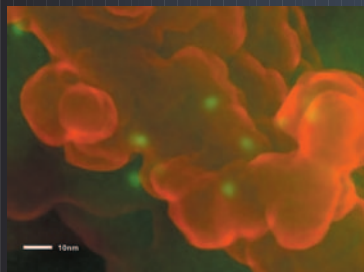
With Direct to Phase you visualize elemental phases as they are acquired and let software decide when you've reached optimal statistics. Get the best quality data without wasting time – displayed on screen, or presented via Microsoft® PowerPoint® or Microsoft Word. Count on Thermo Scientific for the shortest distance from Sample to Answer.

Learn more about how the NORAN System SIX saves you time at [www.thermo.com/microanalysis](http://www.thermo.com/microanalysis).

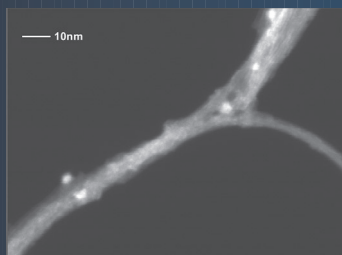


# The Power of SEM

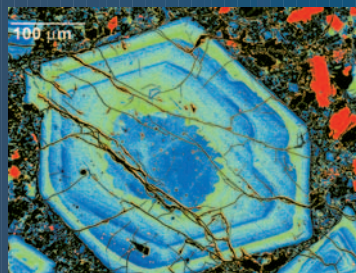
## Ultra-high Resolution SEM/STEM



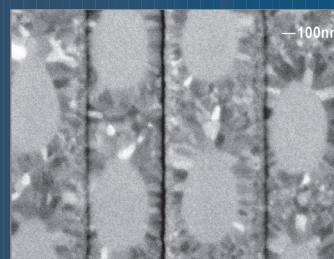
2-4 nm gold immunolabeled  
cells (digitally colored)  
1,000,000X



DF-STEM catalyst particles in CNT  
1,000,000X



Zoned feldspar  
(digitally colored)



0.8 kV LAbE\* image  
of DVD surface



Nanostructures

https://doi.org/10.1017/S15519229S00055462 Published online by Cambridge University Press

Unlock the true power of the new cold cathode FE SEM from JEOL. Examine nanostructure details with STEM and SEM flexibility, true 1,000,000X imaging, high beam currents, and the most sensitive low-angle backscatter detector in the industry. An ultra-stable stage with full range of motion in all axes eliminates image shift at the extreme nanoscale.

Expect more from your high performance SEM. With 50+ years of SEM leadership and award-winning service, JEOL can give you unbeatable imaging and applications support.

**Seeing is believing - call us for a demo today, or visit [www.jeolusa.com/powerSEM](http://www.jeolusa.com/powerSEM).**

\*Patent Pending

Another Extreme Imaging Solution  
from

# JEOL

Stability • Performance • Productivity  
[jeolusa.com](http://jeolusa.com) • [salesinfo@jeol.com](mailto:salesinfo@jeol.com)  
978-535-5900