NT-MDT
Your AFM & Raman Company

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For immediate release

NT-MDT sponsors special ACS Symposium on Nanocrystal Growth Mechanism and Characterization

NT-MDT, a premier global provider of innovative AFM and SPM, was proud to sponsor *The Chemistry of Inorganic Nanocrystals and Clusters: Structural Characterization and Mechanisms of Growth symposium* during the recent meeting of the American Chemical Society (San Francisco, CA, August 10-14, 2014).

Inorganic clusters and nanocrystals bridge the gap between small molecules and solid state materials. At this length scale, molecular structure meets the size-dependent properties of the bulk. A long-standing challenge in this area has been understanding the growth mechanism at the molecular level, applying that understanding to design and control of nanocrystal synthesis, and, finally, characterizing the chemical identity of the resulting nanocrystalline product. This symposium highlights recent breakthroughs in this process, especially mechanistic investigations and new methods of capturing the molecular-level details of structure.

“As a company, NT-MDT is excited to continue its support of symposia such as this one at key academic events here in the United States,” noted Dr. Sergei Maganov, CEO of NT-MDT America. “We believe that is critical for manufacturers and industry to be closely involved and to build strong links with academia and research institutions in order to help advance research and research techniques.”

Symposium organizers, Dr. Jonathan Owen, Associate Professor of Chemistry at Columbia University, and Dr. Haitao Liu Assistant Professor of Chemistry at the University of Pittsburgh extended their thanks to NT-MDT for their support. They stressed how critical this sort of programming was to the education and professional growth of attendees and how vital

commercial support was in ensuring the continuance of academic events such as the ACS program.

Visitors to the ACS meeting can see the actual equipment discussed in the seminar in action on the show floor in NT-MDT's booth (#812). For further information, visit http://www.ntmdt.com

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Founded in 1990, NT-MDT has become known internationally for its next-generation instruments in AFM, STM, and hybrid technologies such as AFM-Raman. Its microscopes have won many awards including multiple prestigious R&D 100 awards. Our mission is to enable researchers, engineers and developers to conduct nanoscale research by creating better solutions for nanotechnology instrumentation. Along the way, we maintain a global perspective, always taking into consideration the needs of the student in the classroom, the researcher at the cutting edge in the laboratory, and the practicalities of industrial R&D.