

NEWS FROM THE ANALYTICAL INSTRUMENTATION FACILITY (AIF) - SEPTEMBER 2018

Dr. Hsiao-Ying Shadow Huang appointed Associate Director of the AIF

The AIF announces the appointment of Dr. Hsiao-Ying Shadow Huang, Associate Professor of Mechanical and Aerospace Engineering, as Associate Director, effective August 22. Dr. Huang joins the faculty leadership team consisting of Director Jacob Jones and Associate Director Jim LeBeau, both faculty members in the Department of Materials Science and Engineering.

[Meet Dr. Hsiao-Ying Shadow Huang »](#)

Annual Report Available

The annual report for the year ending July 31, 2018 is now available. The report details new capabilities, staffing, impact on on-campus and off-campus research, and other initiatives. The report evidences continued impact on NC State and external research.

[Read More »](#)

AIF's Newest Instrument

AIF is now home to a Bruker SkyScan 1174 microCT system. This compact microCT can be used to image a variety of samples in three-dimensions with down to 10 micron spatial resolution, providing a longer-length-scale complement to the nanoCT instrument to be acquired later this year. The instrument will be available for both research and outreach by early October. For more information, please contact Maude Cuchiara.

[Find Out More »](#)

Interactive Nanomechanical Testing Workshop

AIF and Bruker invite you to a one-day workshop on Friday, September 28th, where we will explore Bruker's vast range of quantitative nanoscale testing solutions. Gain new insights into nanoscale material behavior with live, interactive demonstrations of our Hysitron TI 980 TriboIndenter.

[Learn More & Register »](#)

Multiple Short Courses Available

Interested in learning more about AIF and our capabilities? We are hosting 5 short courses during the month of September. These courses are great for hands-on experience and learning the basic principles and techniques of various instruments. Options: XRD, Confocal Raman Spectroscopy, SEM, FIB, and Surface Analysis.

[Check Them Out! »](#)

Carolina Science Symposium

We are pleased to continue a joint symposium between the Materials Research Society, ASM International and the American Vacuum Society. The meeting is expected to draw about 100 participants, both locally and from the surrounding region. Topics in materials science, processing, nanotechnology, characterization, and biomaterials will be presented by both invited and selected student contributors.

[View Details »](#)

Join our Corporate Affiliates Program

Why partner with AIF? We are the leading university materials characterization facility in the Southeastern United States. We enable access and training on state-of-the-art, high-valued instrumentation for students and researchers from industry, academia, government, and non-profits. The tools and capabilities of the AIF bring these researchers together in a dynamic, interdisciplinary environment that seeks to discover, innovate and translate technologies into society.

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