

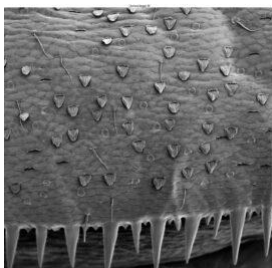
NEWS FROM THE ANALYTICAL INSTRUMENTATION FACILITY (AIF) - SEPTEMBER 2020



“Best Papers” Wanted - Nominations Due October 10, 2020!

We are pleased to announce the competition for the eighth annual Best Paper Award for work performed, in part, at the AIF. Please nominate excellent papers by October 10 (midnight) by emailing PDF copies of the published paper to aif-publications@ncsu.edu.

[Instructions Here »](#)



AIF User Wins Second Place in 2020 Envisioning Research Contest

This year, one of AIF’s users, Sarah Orr, won second place in the Microscopy category. Her image, “Chloride cells on the abdomen a mayfly larva, Neocloeon triangulifer,” is a stunning image of mayfly larvae. Aaron Bell, AIF’s Bio Electron Microscopy Staff Scientist, helped Sarah with this image.

[Read More »](#)



AIF TEM Research Associate Wins M&M Student Poster Award

Aubrey Penn, President-Elect of the MSA Student Executive Council and AIF TEM Research Associate, won the 2020 M&M Student Poster Award. Her poster, a STEM-EELS investigation of multilayer oxide thin films, was a winner in the physical sciences category.

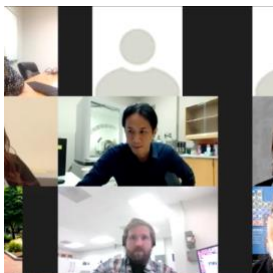
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AIF User Spotlight

Milad Shamsi is a second-year Ph.D. student in Chemical and Biomolecular Engineering, working under Dr. Michael D. Dickey and Dr. Richard J. Spontak. His research focuses on providing a fundamental understanding of thermoplastic elastomer (TPE) fibers. This class of soft materials can be used for a wide range of applications including smart materials, sensors, biomedical, energy devices, and filters. Read more about this golf loving enthusiast here!

[Meet Milad »](#)



Recording of 2020 AIF Virtual Open House & User Appreciation

Did you miss our (virtual) annual AIF Open House & User Appreciation? We've uploaded a recording to our YouTube channel for you to access at your convenience, anytime.

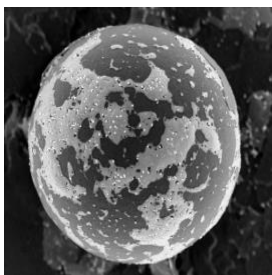
[Access Recording »](#)



Virtual Carolina Science Symposium - November 12-13, 2020

The popular local science meeting, Carolina Science Symposium, is going virtual this year. Topics include materials science, processing, nanotechnology, characterization, and biomaterials and will be presented by invited and student contributors. The symposium is joint with the Materials Research Society, ASM International, the American Vacuum Society, the Research Triangle Nanotechnology Network, and the Joint School of Nanoscience and Nanoengineering. Interested? RSVP by October 30.

[CSS Information »](#)



National Nanotechnology Day on October 9, 2020

National Nanotechnology Day is an annual event featuring community-led events and activities to help raise awareness of nanotechnology, how it is currently used in products that enrich our daily lives, and the challenges and opportunities it holds for the future. What will YOU do to celebrate National Nanotechnology Day? Submit your ideas here.

[National Nanotechnology Day »](#)

[Upcoming Free Short Course »](#)