

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

2018 AIF Best Paper Awards

Congratulations to Zaynab Mahbooba (from PI Ola Harrysson's group) and Masoud Ghasemi (from PI Harald Ade's group) for winning the 2018 AIF Best Paper Awards! This year, 2 winners were selected from over 100 papers that were considered. Click the link below to read more about their publications.

[Read More »](#)

TEM Job Openings at the AIF

The AIF has two immediate openings: one is for a staff scientist in the area of biological electron microscopy and associated sample preparation techniques and the other is for a lab manager to oversee its transmission electron microscopy (TEM) facilities. To learn more about these two positions, click the link below.

[Apply Here »](#)

TEM User Meeting - November 30

AIF's Director, Dr. Jacob Jones, will be hosting an all-hands TEM user meeting on Friday, Nov 30, at 3 PM in EB1 room 1005. If you are a currently trained operator of a TEM instrument in AIF, your attendance is needed at this meeting. Dr. Jones will be discussing important changes coming to the TEM labs.

[More Details »](#)

Raman Spectroscopy Tutorial

Dr. Marco Deluca (Materials Center Leoben Forschungs GmbH) will give a Raman Spectroscopy tutorial on January 29 and 30, 2019. Click the link below to find out more about this free tutorial and to register.

[Raman Tutorial »](#)

Welcome Dr. Matt Cabral, Postdoctoral Research Scholar

The AIF welcomed Dr. Matthew Cabral as a postdoctoral research scholar in October with responsibility for training users and service in the TEM laboratories. Dr. Cabral received his PhD in Materials Science and Engineering in 2018 at NC State.

[Contact Matt »](#)

AIF User Spotlight

Yusuke Mukai has one goal in mind – to develop smart textiles to make everyone’s life easier.

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Comparative Medicine Institute Seminar

Dr. Shadow Huang, Associate Director of AIF, presented AIF's current and planned capabilities at the Comparative Medicine Institute Seminar on November 7. The AIF is strategically expanding our capacity for biological and soft matter electron microscopy and you can download Dr. Huang’s presentation below.

[Downloadable Presentation from Dr. Huang »](#)

Success at CSS

With discussions on hemp oil, energy storage, and the very large telescope (VLT) located in Chile, the annual Carolina Science Symposium was a huge hit. More than 75 people attended and over \$1500 was awarded to students in different departments.

[2018 CSS Award Winners »](#)

[Talos Now Available - Get Trained! »](#)