May 25, 2023

Hello Nanofab Users and PIs:

Here are the ASRC Nanofab lab updates for this week:

**Elionix Workshop: June 6th - June 7th**

The ASRC Nanofab will host Lukas Stampfer, PhD, an applications engineer from Elionix. Lukas will be visiting the ASRC Tuesday June 6th and Wednesday June 7th. Please [sign up for the workshop at the following link](#) and be certain to list any particular issues or topics you would like to hear discussed. Each day there will be a seminar for the morning session (10:30AM to 12:00PM), followed by a lunch break and then an afternoon of discussion of individual issues, including 1-on-1 time at the tool if needed.

**Topics to be covered include:** WecaS and Beamer file prep, fracturing, field placements, circle writing, manual and automatic alignment, heightmaps, exposure on transparent substrates, multipass exposure, configuring set-options, optimizing writing time, and much more.

This is valuable time with an Elionix expert - don’t miss out! See attached flier for more details below.

**Holiday Monday May 29th**

Monday, May 29th is Memorial day and is a staff holiday. After hours access is required to access the lab on this day. Please be mindful of this in your Nanofab plans, and have a safe weekend!

**100keV Elionix - Gun Change Scheduled**

The 100keV Elionix will be down for a routine gun change from June 13th through June 23rd. Please plan your work accordingly.
**Oxford ICP-Fluorine - Down for Repair**

The ICP-FI tool remains down. We are working with engineering at Oxford Instruments to try to speed up this repair. We will continue to keep you posted, and apologize for this inconvenience.

**Recent Accomplishments**

Congratulations to Nanofab users Svetlana Kiriushechkina, Anton Vekelenko and co-authors from the Alexander Khanikaev group at CCNY on their recent publication in *Nature Nanotechnology* on photonic Dirac metasurfaces. Way to push the limits of the Elionix!

**Acknowledgements**

Please remember to acknowledge the ASRC nanofabrication facility in your publication and let us know about exciting and new publications that utilize devices made in the facility.

This concludes the ASRC Nanofab updates. Have a great weekend!

Nanofab Staff