



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 Vakelenko 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.

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

Nanofab Staff