

Congrats to our September User of the Month Katharina Loske



NRF User of the Month

Katharina Loske, September 2025

Recognized for being an exemplary user, for outstanding compliance with safety protocols, and for engaging with NRF staff and users to create a better safety culture.

I use NRF's cleanroom facilities to fabricate devices and test structures on AlN and high Al-content AlGaN. I use tools such as the Laurell spinner and MA6 contact aligner to pattern photoresist, the Unaxis SLR for etching, and the IJL sputter tool or PVD e-beam tool for metal deposition. Access to these tools is essential for our work, and they have helped us progress in developing ohmic contacts and Schottky diodes in these material systems. I am grateful to the NRF staff for the hard work it takes to maintain these tools!

Publication Update:

Shout out to Russell Schwartz for his recent publication [Near-energy-free photonic Fourier transformation for convolution operation acceleration](#) and a big thank you for a proper facility acknowledgement, and for using our [form](#) to let us know the paper is out there.

Want to let everyone know what you do here at our facility, but aren't quite ready to publish? Take 5-10 minutes and make a slide for our lobby TV show. Create a standard widescreen (16:9) slide, or multiple slides if you have time, save the slide as a .jpg and email the .jpg to [NRFInfo](#). Check the weekly update archive on teams for the example slide we made and shared last week.

Upcoming NRF Events:

- Holiday - November 11 - **University Holiday NRF Closed - AHA only**
- Users (UAC) Meeting - Thursday 11/20 @ Noon - NRF 115 or on [Zoom](#)
- Holiday - Nov 27-28 - **University Holiday NRF Closed - AHA only**
- Game Night - NRF 115 - Thursday December 4th at 5pm, Please [RSVP](#)

- **Ongoing:** Do you feel like you need some practice time on a tool before you start paying to use it? [Email us](#) and ask about scheduling a subsidized extended training practice session.
- **Ongoing:** New publication? Data collected at the NRF? [Click to tell us!](#)
 - Still writing? Check out our new easy acknowledgement [templates](#).
- Miss something from a previous week? You can find our weekly update archive on our Microsoft teams channel. [Click to Join us on Teams!](#)

Safety Side Note:

See Something? Say Something!

You users far outnumber us staff, please help us be the eyes and ears throughout the facility. See something that looks off? A strange residue on a surface that hasn't had one before? Hear a pump making strange noises? **Let staff know**. You can help us clean up small issues before they become large issues, and you can help us keep the entire community safe. This example was a white powder generated by mixing incompatible waste materials. Due to the increase in accidents and potential hazards **peroxide in the cleanroom is now accessible by request only**. If you need to use peroxide, consult with staff.



what idiot called it a "randomized
clinical trial controlled with placebo"
and not "trick or treatment"



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