

2024 NNCI Etch Symposium

**Advances in Micro- & Nanoscale Patterning of Strategic and Emerging Materials for Electronic,
Photonic, Quantum, & MEMS Devices**

April 24-26, 2024

Georgia Institute of Technology, Atlanta, GA

Dear NNCI and Non-NCI Member Institutions,

We are pleased to extend an invitation to you and your esteemed institutions to participate in the upcoming **NNCI Etch Symposium, hosted by the National Nanotechnology Coordinated Infrastructure (NNCI) at the Georgia Institute of Technology**. The symposium is scheduled to take place from April 24-26, 2024.

About NNCI: NNCI is an NSF-sponsored network comprising 16 sites and nearly 30 university shared research facilities across the USA (<https://www.nnci.net>). The network fosters collaboration through network-wide events, bringing together technical experts in specific fabrication disciplines. The primary goal of the upcoming symposium is to provide a platform for etch personnel to share collective knowledge on etch processes and equipment.

Symposium Highlights (Subject to change)

Day 1 (April 24): This will be an internal meeting of NNCI and invited non-NCI technical staff. NNCI sites will present updates on new etch equipment and processes. Open discussions on etch-related equipment and process issues are encouraged. Leading R&D etch equipment vendors will also present their latest developments, with exhibit booths available for discussions. A student poster session will be held throughout the day.

Day 2 (April 25): An open public event featuring invited and contributed talks by experts from academic and industrial labs. Topics will address the challenges of etching novel materials in emerging nanoscale devices. Vendor exhibits and a student poster session will also be held throughout the day.

Day 3 (April 26): A half-day session featuring a panel discussion composed of experts in etching and nanofabrication. The panel will address topics such as accommodating new materials, the importance of chamber conditioning for optimal etch results, and other challenges confronting the etch community.

Registration and Accommodations: Registration for the symposium is free, and the link will be provided soon. For your convenience, here a list of [nearby hotels](#), some within walking distance of the Marcus Nanotechnology Building at Georgia Tech (345 Ferst Dr NW, Atlanta, GA 30332).

Contact Information: Please do not hesitate to reach out to any member of the organizing committee for more information.

We look forward to your active participation in this informative networking event, fostering collaboration and knowledge exchange within the etching and nanofabrication community.

Organizing Committee

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