

NNCI 2018 Etch Symposium-October 10-11 at Stanford University

Dear NNCI and non-NNCI members:

We would like to invite you to participate in the NNCI Etch Symposium, to be held Oct. 10-11, 2018 at Stanford University. The National Nanotechnology Coordinated Infrastructure is the NSF-sponsored network of 16 sites involving nearly 30 University shared research facilities across the country (<https://www.nnci.net/>). The NNCI organizes network-wide events, such as this Etch Symposium, to bring together the best in technical know-how.

Following an internal meeting of NNCI technical staff (to be held Oct. 10), the formal, public symposium (to be held Oct. 11) will feature technical presentations by experts in the field. We have invited and contributed talks from leading providers of etch equipment such as Plasmatherm, Applied Materials, Lam, SPTS, Oxford Instruments, Memstar, and others. These vendor talks will discuss advances in topics such as Atomic Layer Etching, Plasma Dicing, Semiconductor Scaling, Deep Oxide Etching, etc. In addition, there will be talks from NNCI etch experts from Harvard, Stanford, and Cornell. We will also have an exhibitor area where equipment and service providers can set up informative displays or demos and meet with attendees. There will also be booths where the individual NNCI sites will have information concerning their respective nano-fabrication and characterization capabilities.

The previous NNCI Etch Workshop, held in Cornell in 2016, the first one after the formation of NNCI program, led to the establishment of databases of processes, equipment and equipment support resources available at NNCI member universities. In 2017, two NNCI workshops (Direct-Write, and ALD) held at Stanford, each attended by over 100 researchers: faculty and students from Berkeley, Davis, and San Jose as well as Stanford, and researchers from local industry and government research labs, as well as NNCI fab personnel. Attendee lists with contact info were provided to our sponsors. These NNCI workshops provide a learning forum not only for etch personnel at NNCI sites, but well beyond.

Please feel free to contact any of us for more information.

Regards,

The NNCI Etch Workshop Organizing Committee

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