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EVENTS

Mid-Atlantic Nanofab Managers Meeting Fall 2024

NANOFABRICATION CLEANROOM

CONFERENCE / SYMPOSIUM

OPEN TO THE PUBLIC



DATE & TIME

Thursday, November 7, 2024 – Friday, November 8, 2024

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LOCATION

New York University Nanofabrication Facility

6 MetroTech Center

Brooklyn, New York 11201

[View Map](#)

CONTACT

sb9547@nyu.edu



Highlights of this year's event include:

- Workforce development and cross-hub collaboration
- Nanofab related safety

Hosted by New York University's [Nanofabrication Cleanroom](#)

Sponsored by [Oxford Instruments](#) and [NORDTECH](#)



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**Schedule and topics of discussion subject to change. Details on presentations will be made available soon.*

Friday, November 8	
8:00 a.m.	Breakfast & Registration
9:00 a.m.	Welcome Talk Speaker: Dr. Davood Shahrjerdi Director, Nanofabrication Cleanroom; NYU WIRELESS, Associate Professor

<p>9:15 a.m.</p>	<p>Topic 1: Workforce development and cross-hub collaboration</p> <hr/> <p>Talk 1: Workforce Development at NORDTECH Speaker: Dr. Nicholas Fahrenkopf Technical Director for the Northeast Regional Defense Technology Hub (NORDTECH)</p> <hr/> <p>Talk 2: Workforce Development at Carnegie Mellon University Speaker: Dr. Matthew Moneck Executive Director, Nanofabrication Facility, Electrical and Computer Engineering</p> <hr/> <p>Talk 3: Workforce Development at the University of Pennsylvania Speaker: Eric Johnston Director, University of Pennsylvania - Quattrone Nanofabrication Facility at Singh Center for Nanotechnology</p> <hr/> <p>Talk 4: Round table discussion on the following topics:</p> <ol style="list-style-type: none"> 1. What are the primary challenges you encounter with staff and space constraints in workforce development initiatives? What solutions or approaches do you think could help address these limitations? 2. How effectively have you been able to leverage existing online resources for workforce development? Are there specific platforms or content types that have proven especially useful, or areas where new resources could enhance training? 3. In what ways can different nanofabs collaborate to create and share content for workforce development? What benefits do you see in this type of partnership, and what challenges might arise? 4. From where have you recruited workforce development candidates, and how were they selected? Which platforms did you find useful and how long did the process take?
<p>10:15 a.m.</p>	<p>Break</p>
<p>10:30 a.m.–10:45 a.m.</p>	<p>Topic 2: TGMS systems and response protocols to hazardous situations Speaker: Kyle Keenan, Senior Manager, Laboratory Operations Quattrone Nanofabrication Facility</p>
<p>10:45 a.m.–11:00 a.m.</p>	<p>Discussion</p>
<p>11:00 a.m.–11:15 a.m.</p>	<p>Topic 3: Best practices in the Mid-Atlantic area in working with (25% & 2.5%) TMAH and HF Speaker: Dr. Chad Eichfeld, Associate Research Professor, Nanofab Director of Operations</p>
<p>11:15 a.m.–11:30 a.m.</p>	<p>Discussion</p>
<p>11:30 a.m.–1:00 p.m.</p>	<p>Lunch and Networking</p>
<p>1:00 p.m.–1:30 p.m.</p>	<p>Presentation by Oxford Instruments Speaker: Nick Chittock</p>

1:30 p.m.–2:30 p.m.	Topic 4: Working with EHS to develop courses that are standardized across the institution Speaker: This will be in a round-robin format inclusive of talking points from participants
2:30 p.m.–2:45 p.m.	Closing remarks
2:45 p.m.	Cleanroom Tour
3:30 p.m.	Adjourn



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