

 Topic	Facilitator
08:00	Registration, Networking, Coffee and Light Breakfast
09:00	Welcome to MAEBL/Opening Remarks Mark Allen, Ph.D. Scientific Director, Singh Center for Nanotechnology University of Pennsylvania
09:15	PROCESS DEVELOPMENT HSQ and GaAs Epitaxy Aimee Price Ohio State University
10:00	PROXIMITY EFFECT CORRECTION A Lecture on Practical PEC Fundamentals Gerald Lopez, Ph.D. University of Pennsylvania
10:45	Break/Continued Discussion and Networking
11:15	SCRIPTING AND AUTOMATION Leveraging Scripting for Complex Patterns Chad Eichfeld, Ph.D. The Pennsylvania State University
12:00	Networking Lunch / Group Photo
13:00	COMMON CHALLENGES An Active Discussion of Common Issues Kevin Lister, Ph.D. University of Delaware
15:00	Break/Continued Discussion and Networking
15:15	PATTERN FIDELITY How to Expose High-Fidelity Ring Patterns: A Case Study for Exposure Strategy Optimization Ming Lu, Ph.D. Brookhaven National Laboratory
16:00	DEVICE FABRICATION Fabrication of High-Coherence Superconducting Qubits Jonilyn Yoder, Ph.D. MIT Lincoln Laboratory
16:50	Closing Remarks - Survey - Continued Discussion and Networking Announcement of MAEBL 2019 Workshop Venue
17:30 - End Forum	

Program is subject to change without notice.

Each discussion topic is initiated by the speaker with a roughly 10-15 minute case study or lecture. Total time for each topic is 45-60 minutes to promote participation and discussion. This event is supported through attendee registration and the University of Pennsylvania Singh Center for Nanotechnology.

Details and Registration:

<https://www.eventbrite.com/e/mid-atlantic-electron-beam-lithography-maebL-workshop-registration-41430528827>