

# CMPUG

Chemical Mechanical  
Planarization Users Group



AVS Northern California Chapter



## Advances in CMP Consumables, Materials and Tools

**Meeting Date:**  
May 11, 2023

**Time:** 1:00-5:25 p.m. (ET)  
**Check Your Time Zone!**

**Location:**  
Nanofab South Auditorium  
SUNY Polytechnic Institute  
College of NanoScale  
Science & Engineering  
(CNSE)  
University at Albany  
255 Fuller Road  
Albany, NY 12203



### Co-Chairs

**Michael Pevny, 3M Company**  
[mpevny@mmm.com](mailto:mpevny@mmm.com)

**Gene Davis, Texas Instruments**  
[g-davis2@ti.com](mailto:g-davis2@ti.com)

**Tricia Burroughs, Global Foundries**  
[Tricia.Burroughs@globalfoundries.com](mailto:Tricia.Burroughs@globalfoundries.com)

**REGISTER FREE!**

**FREE To Attend!** Advance Registration Required for Security Approval.

**REGISTRATION NOTE:** Please bring your license, passport or green card as ID to check in at the conference. If you are *not* a U.S. Citizen please plan on completing your registration before **May 1, 2023**, otherwise you may be denied access to the facility.

**Virtual (Zoom) Option Available** – Login details will be provided to advance registrants by May 10, 2023

### PLATINUM SPONSORS



### AGENDA

1:00 pm – Welcome and Acknowledgment of Sponsors, **Bob Roberts, CMPUG 2023 Chair**,  
**Meeting Co-Chairs: Michael Pevny (3M), Tricia Burroughs (Global Foundries) and Gene Davis (Texas Instruments)**

1:10 pm – CMPUG 2023 Report on US Activities and Program Status, Bob Roberts, **X-trinSiC Inc**

1:35 pm – Removal Rate Enhancement, Selectivity

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## Other Meetings

### AVS 69<sup>TH</sup> International Symposium & Exhibition

November 5-10, 2023 | Oregon Convention Center | Portland, OR



Call for Abstracts Deadline: May 10, 2023

Modulation, and In-Line Monitoring During Draco<sup>TM</sup> Hard-Mask Flucto-CMP®, **Dr. Ara Philipposian, Araca Inc (Remote)**

2:00 pm – Tuning Molecular Structure to Promote Surface Activation for Enhanced p-CMP Cleaning Processes, **Dr. Jason Keleher, Lewis University Dept of Chemistry (Remote)**

2:25 pm – Towards Understanding Smaller Ceria Particles (<10nm For SiO<sub>2</sub> Removal Rates During CMP, **Ravitej Venkataswamy, Clarkson University**

2:50 pm – **Announcements/Coffee Break**

3:20 pm – Advancements in Selective Mo CMP For Front End Applications, **Dr. Christopher Newman Research Scientist, Fujimi Corporation (Remote)**

3:45 pm – Overview of NY CREATES at Albany Nanotech, **Lamar Hill, New York CREATES**

4:10 pm – Samples and Simulations to Understand CMP Metrology, **Benjamin Bunday, AMAG Nanometro**

4:35 pm – Community Strengthening within CMPUG, **Tricia Burroughs, Global Foundries**

REGISTER FREE!

*All presentations will be posted on the CMPUG Proceedings webpage within 2 weeks following the meeting.*

If you would like to sponsor a 2023 User Group (CMPUG, JTG, PAG, or TFUG) meeting please check out opportunities at: [NCCAVS User Groups Marketing Opportunities](#) and link your images to supporting resources.

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