

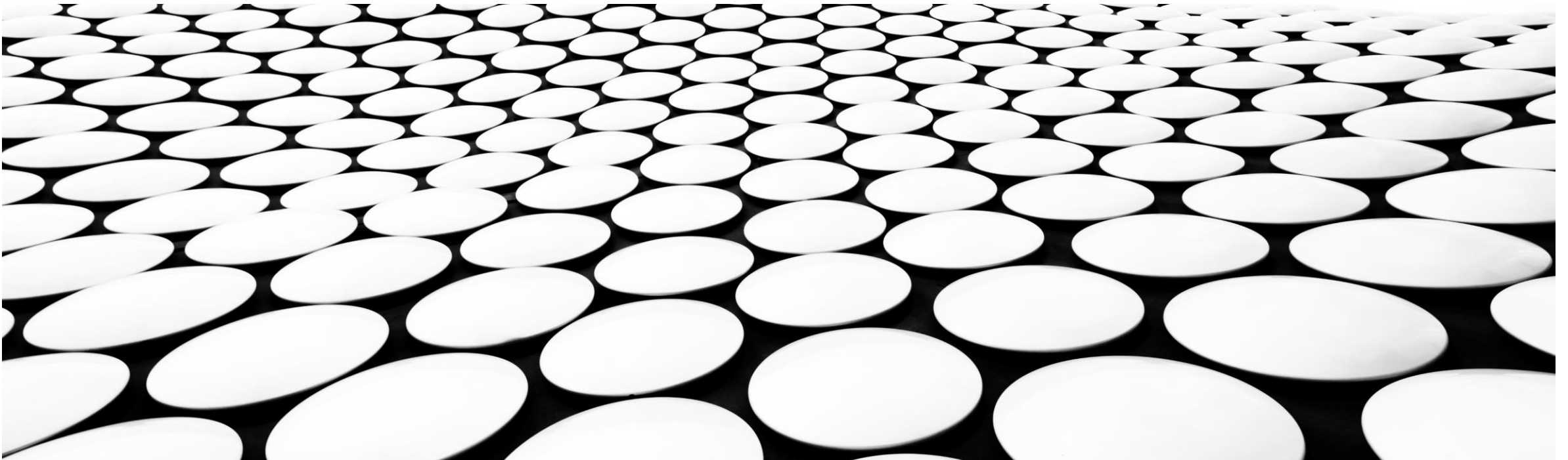
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# WELCOME TO CMPUG SPRING SYMPOSIUM 2024

HOSTED BY MIKE PEVNY (3M) AND MICHAEL WEDLAKE OF USA CMPUG

THURSDAY, MAY 2, 2024 | 11:30 AM TO 5:00 PM

UNIVERSITY OF TEXAS AT AUSTIN  
THOMPSON CONFERENCE CENTER  
ROOM: AUDITORIUM #1.110  
2405 ROBERT DEDMAN DR. AUSTIN, TX 78712



If you have not registered yet, please do so ASAP: [https://nccavs-usergroups.avs.org/announcements\\_cmpug/](https://nccavs-usergroups.avs.org/announcements_cmpug/)

# WELCOME TO CMPUG SPRING SYMPOSIUM 2024

**REGISTER NOW AT NCCAUS TO ATTEND!**

## ***NCCAUS CMPUG 2024 SPRING SYMPOSIUM***

**TOPIC: Advances in CMP Consumables, Materials and Tools**

**Thursday, May 2, 2024 | 11:30-5:00 PM | FREE**

**Thompson Conference Center @ The University of Texas at Austin**  
**Also available virtually with Zoom**



**5:00-10:00 PM | Dinner | Keynote Talk | Networking**

We are pleased to announce a packed agenda with outstanding content for our 2024 NCCAUS CMPUG Spring Symposium!

- Each technical talk will be 25 minutes with 20 minutes for presentation and 5 minutes for Q&A.
- Each business talk will be 20 minutes with 15 minutes for presentation and 5 minutes for Q&A.
- If you have questions, please post them in Q&A section in Zoom.

### **UPDATED AGENDA (as of 4/30/24)**

11:30 am – Welcome and Acknowledgment of Sponsors

Symposium Co-Chairs [Michael Pevny](#), **3M**, [Michael Wedlake](#), and [Bob Roberts](#), Chair of N. American CMPUG, **X-Trinsic**

11:40 am – *Semi Americas Outlook Growth Opportunities (Keynote)*, [Dr. Daniel Muscat](#), **EMD Electronics**

12:05 pm – *European CMP Users Group Activities and ICPT2024*

[Dr. Knut Gottfried](#) and [Imme Ellebrecht](#), **Fraunhofer ENAS**, **ErzM-Technologies**, **European CMP & WET User Group (Remote)**

12:25 pm – *Advanced Semiconductor Technology Roadmaps and Implications to CMP Materials*

[Dr. Karey Holland](#) and [Diane Scott](#), **Techcet**

12:45 pm – *Tailoring Molecular Structure for Defect Activated p-CMP Cleaning Processes*

[Dr. Jason Keleher](#), **Lewis University**

1:10 pm – *Trends in CMP and Impact on Consumables*, [Mike Corbett](#), **Linx Consulting**

1:30 pm – **Announcements/Coffee Break**

1:45 pm – *Controlling the Coefficient of Friction in CMP*, [Len Borucki](#), **Araca (ret.) (Remote)**

2:10 pm – *Environmentally Friendly Amino Acid-Based Polishing Slurry with Reduced Galvanic Corrosion at Copper/Cobalt Interface for Advanced Cu Interconnect Applications*, [Thi Thuy Hoang Tran](#) (Senior PhD Student), [Elizabeth J. Podlaha](#), and [Jihoon Seo](#), **Clarkson University**

2:35 pm – *SiC CMP – A Process Perspective*, [Rob Rhoades](#), **X-Trinsic**

3:00 pm – *Electrochemical Innovation for Sustainable Copper Management in CuCMP Wastewater*

[Dr. Cameron Lippert](#), **ElectraMet**



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3:25 pm – *The Value of CMP Education*, Dr. Andrew Mansson, **Samsung Austin Semiconductor**

3:45 pm – *Reducing CMP Process Mass Intensity*, Steve Benner, **Confluense, LLC**

4:10 pm – *Total Holographic Characterization of large particle contaminants in CMP slurries*  
Laura Philips, **Spheryx (Remote)**

4:35 pm – *Pad-Level Spent Slurry Extraction During Polish*, Dr. Ara Philipposian, **Araca Inc**

5:00 pm – Closing Remarks, Co-chair Michael Pevny, **3M**

5:05 pm – Depart for Offsite Dinner & Networking (**Optional**)

***All presentations from this meeting will be posted on the CMP Users Group Proceedings webpage ~2 weeks following the meeting.***



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## **The County Line on the Hill: Legendary Bar-B-Q**

The Original County Line!

Located in a historic old "Speak-easy," the County Line on the Hill offers an incredible 20 mile view of the beautiful Texas Hill Country. Sunsets are spectacular! Along with our legendary bar-b-q we also offer a full line of grilled goodies including: Fish, Chicken and Steaks.

Hours

Open for Lunch & Dinner, 7 days a week

**Sunday - Thursday: 11:30am - 9:00pm**

**Friday & Saturday: 11:30am - 9:30pm**

Please add to your GPS and Phone Contacts:

Address: [6500 W. Bee Cave Rd., Austin, TX 78746](#)

The County Line on the Hill Phone #: [\(512\) 327-1742](#)

Michael Wedlake: [\(512\) 438-9709](#)

Mike Pevny: [\(805\) 320-2343](#)

Our plan would be for attendees to depart from the Thompson Conference Center at **5:05-5:30 PM** and arrive at The County Line on the Hill around **5:25 - 6:00 PM** depending on traffic. According to Google Maps, the trip is about 9 miles and requires about 22 minutes.

**Starting Location:** Joe C Thompson Conference Center, 2405 Robert Dedman Dr, Austin, TX 78712

**Destination Location:** County Line on the Hill, 6500 Bee Cave Rd, Austin, TX 78746



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