

CMP User Group Meeting July 2018 @ SEMICON West Co-Hosted with AIM Photonics

Topic: CMP Technology and Market Trends

Meeting Date: July 11, 2018

Time: 12:30 pm - 5:00 pm

Location: Moscone Center West
Room No. 160

Parking: Nearby Public Parking

REGISTRATION: FREE, JUST SHOW UP!

Co-Chairs:

Ashwani Rawat, Intel Corp., ashwani.k.rawat@intel.com

Todd Buley, Dow Electronic Materials, tbuley@dow.com

Dinesh Koli, Global Foundries, dinesh.koli@globalfoundries.com

SPEAKERS/AGENDA

12:30 - 12:35 PM **Ashwani Rawat/Todd Buley/Dinesh Koli**, Opening Remarks/Introductions

12:35 - 1:05 PM **Len Jelinek, IHS Insights**, "Global Manufacturing Update – Opportunities and Pitfalls for Manufacturers in 2nd half of 2018 and beyond"

1:05 - 1:35 PM **Sai Vegunta, Micron**, "Next Gen CMP Challenges for 3D Memory Architectures"

1:35 - 2:00 PM **Olga Samsonenka, Andy Kim, University of Washington**, "Investigation of NMR-based Surface Area Measurement as a Quality Monitor for Nanoparticle Silica Abrasives"

2:00 - 2:25 PM **Gabriela Diaz^a, Lauren Peckler^a, Yasa Sampurno^{a,b}, Ara Philipossian^{a,b}**,
^a **University of Arizona**, ^b **Araca Incorporated, Tucson, AZ**, "New Insights into the Tribological and Kinetic Attributes of Retaining Rings in Chemical Mechanical Planarization"

2:25 - 2:40 PM Coffee/Networking Break

2:40 - 3:10 PM **Michael E. Mills, DOW Electronic Materials**, "Molecular Design of CMP Consumables for Advanced (<10nm) Processing Technologies"

3:10 – 3:35 PM **Rajeev Bajaj, Applied Materials**, "New Paradigms in CMP Consumables"

3:35 – 4:00PM **Alex Tregub, Intel**, "Developing Robust Quality Systems for CMP Solid Consumables"

4:00PM-4:25PM **Mike Corbett, Linx Consulting**, "Impact of Advanced Memory Technologies on CMP Industry"

4:25PM-4:50PM **Chun Lu, Versum Materials**, "Formulated Products for W CMP"

4:50PM – 5:00PM **Ashwani Rawat/Todd Buley/Dinesh Koli**, Concluding Remarks/Wrap-up

All presentations will be posted on the CMPUG Proceedings webpage approximately 1-2 weeks following the meeting.

If you would like to sponsor a future User Group meeting please check out the new "[NCCA VS Sponsorship](#)" opportunities.