

**Northern California Chapter AVS  
Junction Technology Group Meeting**  
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**Topic:** Recent Studies of Ion Implantation Technology Issues  
**Date:** December 8, 2022  
**Time:** 1:00 p.m.-5:30 p.m.  
**Location:** Eurofins EAG, 810 Kifer Road, Sunnyvale, CA 94086

**FREE TO ATTEND – In Person Meeting**

**Co-Chairs:** Michael Current, Susan Felch, John Borland

**Meeting Supported by:**  
Eurofins EAG  
Coherent, Inc.

**Agenda:**

- 1:00 pm** **Shela Aboud, Synopsys**, Design and System Technology Co-Optimization
- 2:00 pm** **Temel Buyuklimanli, EurofinsEAG**, Metrologies for Study of Ion Implanted Semiconductors
- 2:30 pm** **John Borland, JOB Technologies**, Strain Effects for Ge and Sn Implants
- 3:00 pm** Coffee, cookie & conversation break
- 3:30 pm** **Michael Current, Current Sci**, Profiles and Defects in Channeled and Random Orientation 10 MeV Dopant Implants in Si(100)
- 4:00 pm** **Jeremy Turcaud, Coherent**, Light-ion Neutron Levels in High-energy Implanters
- 4:30 pm** **Babak Adibi, Surf-Ion**, Slow Release Anti-bacterial and Hard-wearing Orthopedic Prosthetics Coatings
- 5:00 pm** **Susan Felch, Lead Chair of IIT22**, Summary of IIT22 and News About IIT24