A Nanoscale Characterization Seminar

Latest Advances in AFM and Photothermal AFM-IR for 2D Materials and MEMS Applications

A Lunch & Learn session co-hosted by the University of California San Diego MRSEC with Bruker Nano

May 28, 2026 | San Diego, CA

Explore New Advances and Research Trends

The Materials Research Science and Engineering Center (MRSEC) at the University of California San Diego and Bruker are pleased to co-host an atomic force microscopy seminar on May 28, 2026.

This free seminar presents the latest AFM measurement capabilities on MEMS and 2D Materials, with a special focus on the use of photothermal AFM-IR for nanoscale chemical analysis.

Lunch will be provided.

We look forward to seeing you at the event!

Space is limited for hands-on demonstrations.

Register now to secure your spot!

Scan the QR code or **click here** to register.

Workshop Organizers

Prof. Andrea Tao
Professor & Vice Chair of Education, NanoEngineering
Deputy Director | San Diego Nanotechnology Infrastructure
IRG1 Lead | UC San Diego MRSEC
Founding Faculty | UC San Diego Institute for Materials Discovery & Design

Ricardo Deluna
Facilities Manager, UC San Diego MRSEC

Rand Kingsford
Facility Engineer, UC San Diego MRSEC

Ngan Pham, Ph.D.
US West Coast Sales Manager, Bruker
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Workshop Location

University of California San Diego
MRSEC, Room NSB 3211
9500 Gilman Dr.
La Jolla, CA 92093

View on Google Maps

UC San Diego MRSEC
MATERIALS RESEARCH SCIENCE AND ENGINEERING CENTER

See agenda on the next page

Innovation with Integrity

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Thursday, May 28	
11:00AM	**Introduction —** UCSD MRSEC and Bruker
11:15AM	**Talk 1 (virtual) — Characterization of Advanced Devices using AFM** Ming Ye, PhD, Bruker
11:45AM	**Talk 2 (in person) — Photothermal AFM-IR for Nanoscale Characterization of 2D Materials** Jin Hee Kim, PhD, Bruker
12:15PM	**Lunch & Networking**
1:00PM	**End of Seminar**

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Innovation with Integrity