

The 3rd Taiwan Atom Probe Workshop 2023

International Hall-203, Engineering Building

National Taiwan University

15 August 2023

The 3rd Taiwan Atom Probe Workshop is held in Taiwan to promote research and education of atom probe. The first TAP workshop was held at National Taiwan University in 2018 and the second was an online workshop under the 4th East-Asia Microscopy Conference. This year is a landmark of the first atom probe, LEAP 5000 XR, for academic and industrial researches in Taiwan. We invite global and Taiwanese scientists to join this event. They will deliver important talks in the field of atom probe and participate into scientific and technical discussions. Sincerely, we are happy to invite scientists and engineers from various fields to join the 3rd Taiwan Atom Probe Workshop.



Hung-Wei (Homer) Yen

Chairman of

The 3rd Taiwan Atom Probe Workshop

All participants must pre-register by the following link (or QR code):

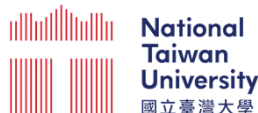
<https://reurl.cc/p62r4r>



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Organized by:



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Time	Event	Speaker
08:50 – 9:10	Registration	
09:10 – 9:20	Opening Remark	Dr. Wen-Chin Lin Professor & Chair Department of Physics National Taiwan Normal University
09:20 – 10:10	Plenary Talk 1 Atom probe tomography of advanced functional materials for a low-emission technologies	Dr. Alexander Devin Giddings Applications Scientist CAMECA Instruments
10:10 – 10:30	Coffee Break & Photo	
10:30 – 11:20	Plenary Talk 2 Near-all seeing eyes in metallic alloys	Dr. Jae Bok Seol Professor School of Materials Science and Engineering Gyeongsang National University
11:20 – 11:40	Student Talk Revealing the solute segregation at interface in a microalloyed steel	Shao-Lun Lu Department of Materials Science and Engineering National Taiwan University
11:40 – 13:30	Lunch Break	
13:30 – 14:20	Plenary Talk 3 Combine electron tomography and atom probe – the ultimate solution for single-atom determination of chemicals and coordinates	Dr. Chien-Chun Chen Professor Department of Engineering and System Science National Tsing Hua University
14:20 – 15:00	Summary Talk Atom Probe in Taiwan: from past toward future	Dr. Hung-Wei (Homer) Yen Professor Department of Materials Science and Engineering National Taiwan University
15:00 – 15:20	Q&A and Closing Remark	Dr. Alexander Devin Giddings Dr. Jae Bok Seol Dr. Chien-Chun Chen Dr. Hung-Wei (Homer) Yen