



Phoenix Convention Center, Lower Level, Halls 5 & 6

Tuesday, April 18, 9:00 am–5:00 pm | Wednesday, April 19, 10:00 am–5:00 pm

Admiral Instruments Booth 717
www.admiralinstruments.com
Potentiostats and Galvanostats; Electrochemical Workstations; AC Impedance Measurements

AdValue Technology, LLC Booth 627
www.advaluetech.com
Alumina; Fused Quartz; Sapphire

Advanced Research Systems, Inc. Booth 607
www.arscryo.com
Cryogenics; Probe Stations

AIP Publishing Booth 110
scitation.org
Physics Journals; Conference Proceedings; Digital Archive

AJA International, Inc. Booth 500
www.ajaint.com
Deposition Systems; Sputter Sources; Sputtering Targets

American Physical Society Booth 216
journals.aps.org
Journals

Angstrom Thin Film Technologies LLC Booth 710
www.angstrom-dep.com
ALD Equipment; Atomic Layer Deposition; Powder ALD

Annealsys Booth 317
www.annealsys.com
RTP and RTCVD Systems; DLI-CVD, DLI-ALD and MOCVD Machines; 2D Materials Deposition Systems

Applied Vacuum Technology, a Division of Anderson Dahlen Booth 418
www.appliedvacuum.com
Custom Vacuum Chambers; UHV Motion and Manipulation; UHV Weldments and Assemblies

Arizona State University Booth 210
www.asu.edu
Public Research University

Asylum Research, an Oxford Instruments Company Booth 507
www.oxford-instruments.com/AFM
Atomic Force Microscopes; Scanning Probe Microscopes

Barnett Technical Services Booth 705
www.barnett-technical.com
Cathodoluminescence; Electron Beam-Induced Current; Micromanipulators

Bio-Logic USA, LLC Booth 711
www.bio-logic.net
Materials Tester; Potentiostats; Battery Tester/Cyclers

Blue Wave Semiconductors, Inc. Booth 316
www.bluewavesemi.com
Pulsed Laser Deposition; HFCVD; Substrate Heater

Bruker Booth 601
www.bruker.com
XRD Equipment; XRF Equipment; MicroXRF Equipment

Cambridge University Press | Materials Research Society Booth 100
www.cambridge.org
Books; Journals

Chemat Scientific Booth 201
www.chematscientific.com
Spin Coating; Dip Coating; Chemical Precursors

CRAIC Technologies, Inc. Booth 302
www.microspectra.com
UV-visible-NIR microscopes; Microspectrophotometers; Raman Microspectrometers

CrystalMaker Software Ltd. Booth 412
www.crystallmaker.com
CrystalMaker; CrystalDiffract; SingleCrystal; Crystal Viewer

Direct Electron, LP Booth 205
www.directelectron.com
High-Speed TEM Cameras; *In-situ* TEM; 4D STEM

Duniway Stockroom Corporation Booth 406
www.duniway.com
Ion Pumps; Vacuum Gauges; Vacuum Supplies

Ecopia Corp. Booth 402
www.ecopia21.co.kr
Hall Effect Measurement Systems; Rapid Thermal Processing Systems; Compact Thermal Evaporators

Electron Microscopy Sciences Booth 417
www.emsdiasum.com
Vacuum Equipment

Everbeing International Corp. Booth 718
www.ebprober.com.tw
Probe Stations; Micropositioners; Four-Point Probe

Frontier Semiconductor Booth 504
www.frontiersemi.com
Stress Measurement; Film Adhesion Testing; Wafer Topography Metrology; Electrical Characterization

Frontiers Booth 119
www.frontiersin.org
Open-Access Academic Journals

FUJIFILM Dimatix, Inc. Booth 426
www.dimatix.com
Materials Printer; Materials Cartridge; Inkjet Printheads and Systems

Gatan, Inc. Booth 401
www.gatan.com
TEM and SEM Analysis Software; Specimen Preparation Instruments; Imaging and Spectroscopy

Goodfellow Corporation Booth 306
www.goodfellowusa.com
Metals and Materials; Precious Metals; Ceramics and Glass

HeatWave Labs, Inc. Booth 702
www.cathode.com
Substrate Heaters; Cathode/Electron Guns; Ion Sources

Hitachi High Technologies America, Inc. Booth 701
www.hitachi-hightech.com/us
Electron Microscopes; Atomic Force Microscopes; TEM/SEM

HORIBA Scientific Booth 510
www.horiba.com/scientific
Spectrometers; Elemental Analyzers; Ellipsometers

Hummingbird Scientific Booth 312
www.hummingbirdscientific.com
In-situ Specimen Holders; TEM Specimen Holders; Sample Holders

Huntington Mechanical Laboratories, Inc. Booth 411
www.huntvac.com
Chambers; Feedthroughs; Valves

Hysitron, Inc. Booth 612
www.hysitron.com
Nanoindentation Systems; NanoTribology; *In-situ* Nanomechanics

InRedox, LLC Booth 422
www.inredox.com
Anodic Aluminum Oxide; Anodic Titanium Oxide; Nanotemplates

International Centre for Diffraction Data (ICDD) Booth 602
www.icdd.com
X-Ray Powder Diffraction; Database; Software

InVacuo, Inc. Booth 619
Vacuum Systems; Vacuum Components

IOP Publishing Booth 116
www.ioppublishing.org
Journals; Magazines; ebooks

Janis Research Company, LLC Booth 400
www.janis.com
Cryogenic Probe Stations; Cryostats; Cryocoolers

JASCO Booth 404
www.jascoinc.com
FTIR Microscopes; Raman; UV/Vis

Kurt J. Lesker Company Booth 600
www.lesker.com
Pure Targets and Materials; Vacuum Components; Thin Film Deposition Systems

Lake Shore Cryotronics, Inc. Booth 300
www.lakeshore.com
Cryogenic Probe Stations; Hall Effect Measurement Systems; THz Materials Characterization Systems

Leybold USA Inc. Booth 311
www.leybold.com
Vacuum Pumps and Systems; Thin-Film Deposition Machine; Vacuum Pumps Services

M. Braun, Inc. Booth 618
www.mbraunusa.com
Inert Gloveboxes; Vacuum Deposition Tools; Process Equipment

MANTIS-SIGMA Booth 319
www.mantis-sigma.com
Thin Film Deposition; UHV SPM; UHV XPS

McAllister Technical Services Booth 322
www.mcallister.com
UHV Multi-Axis Manipulators; Heated/Cooled Sample Stage; Custom UHV Systems

McCrone Group Booth 623
www.mccrone.com
Linkam Microscope Stages; X-Ray and Probe Stages; Nikon Microscopes

MDC Vacuum Products, LLC Booth 700
www.mdcvacuum.com
XYZ Stages; Deposition Equipment; Vacuum Chambers

MilliporeSigma (Sigma-Aldrich Materials Science) Booth 606
www.sigma-aldrich.com/matsci
Organic and Printed Electronic Materials; Nanomaterials; Materials for Energy and Electronics; Biomaterials; Graphene

Minus K Technology, Inc. Booth 305
www.minusk.com
Vibration Isolators

MSE Supplies LLC Booth 323
www.msesupplies.com
Milling Equipment and Accessories; Arc Melting and Quenching Equipment; Battery Materials

MTI Corporation Booth 516
www.mtixtl.com
Muffle Furnace; Pouch Cell Battery Pilot Line; High Throughput Metallographic Equipment

NanoMEGAS USA Booth 722
www.nanomegasusa.com
Orientation Mapping; TEM; Strain

Nanoscribe GmbH Booth 518
www.nanoscribe.com
Photonic Professional GT

National Electrostatics Corp. Booth 513
www.pelletron.com
Pelletron Accelerator; RBS/PIXE/ERD; Accelerator Mass Spectrometry

neaspec GmbH Booth 502
www.neaspec.com
neaSNOM Microscope; nano-FTIR; Nanoscale IR Microscope

Neocera, LLC Booth 410
www.neocera.com
Pulsed Laser Deposition Systems; Pulsed Electron Deposition Systems; *In-situ* Diagnostics

Newport Corporation Booth 605
www.newport.com
Solar Simulator; Photovoltaic Cell Testing; Lab Equipment

NIST/Office of Reference Materials Booth 217
www.nist.gov/srm
Standard Reference Materials; Standard Reference Data; Calibration Services

Nor-Cal Products, Inc. Booth 506
www.n-c.com
Custom Vacuum Chambers; Vacuum Valves; Flanges and Fittings

NT-MDT Spectrum Instruments Booth 403
www.ntmdt-si.com
AFM/SPM; Raman Spectroscopy; TERS/SNOM

Park Systems Inc. Booth 616
www.parkafm.com
Atomic Force Microscopes—Park NX20 300 mm; Park NX10; Park NX10 Glove Box

Photron USA, Inc. Booth 203
www.photron.com
High-Speed Cameras; High-Speed Video Cameras; Cameras

Pine Research Instrumentation Booth 716
www.pineresearch.com; www.360glassware.com
Electrochemical Laboratory Equipment; Custom Glassware; Potentiostats

Plasmaterials, Inc. Booth 617
www.plasmaterials.com
Sputtering Targets; Evaporation Materials; Backing Plates

Protochips Booth 519
www.protochips.com
Atmosphere Gas Cell; Poseidon Select Liquid Cell; Fusion Heating and Electrical Holder

PVD Products, Inc. Booth 416
www.pvdproducts.com
Deposition Systems; Magnetron Sputtering; Pulsed Laser Deposition

Quantachrome Instruments Booth 419
www.quantachrome.com
Gas Sorption; Pycnometers; Porometers; Porosimeters; Vapor Sorption; Water Sorption; Rotary Riffle; Autotap

Quantum Design, Inc. Booth 405
www.qdusa.com
PPMS; MPMS; He Liquefier; Crystal Furnace; Lithography; NanoMOKe; FMR; Spectrometers; SNSPD; Terahertz

R.D. Mathis Company Booth 611
www.rdmathis.com
Evaporation Sources; Evaporation Materials; E-Beam Liners

Radiant Technologies, Inc. Booth 604
www.ferrodevices.com
Ferroelectric and Multiferroic Test Systems

Ricor USA, Inc. Booth 726
www.ricor-usa.com
Cryopumps Water Vapor; N₂ Purge Systems for Wafers; Cryocoolers for IR Sensors

Rigaku Americas Corporation Booth 511
www.rigaku.com
MiniFlex

Royal Society of Chemistry Booth 117
www.rsc.org
Journals; Books; Databases

SEC Co., Ltd. Booth 719
www.seceng.co.kr
Tabletop SEM; Sputter Coater

Seki Diamond Systems Booth 318
www.sekidiamond.com
Microwave Plasma CVD Diamond; Hot Filament CVD Systems; Single Crystal Diamond

Solartron Analytical, AMETEK Advanced Measurement Technology Booth 517
www.solartronanalytical.com
Materials Test System

SPECS Surface Nano Analysis, Inc. Booth 706
www.specs.com
EnviroESCA; Deposition Evaporation Source; XPS Customized Solutions

SPI Supplies, a Division of Structure Probe, Inc. Booth 301
www.2spi.com
UV Prep for SEM; Plasma Prep Reactive Ion Etcher; Precision Glass Clutter

Springer Nature Booth 211
www.springernature.com
Books; Journals; E-Books

STAIB Instruments, Inc. Booth 610
www.staibinstruments.com
Key Products: RHEED; Auger; Surface Analysis

Ted Pella, Inc. Booth 310
www.tedpella.com
Microscopy Supplies; Sample Preparation Supplies; Vacuum Coaters

The National Academies of Sciences, Engineering, and Medicine Booth 218
www.nas.edu/rap
Postdoctoral Awards; Fellowships; Research Awards

Thermcraft, Inc. Booth 712
www.thermcraftinc.com
Laboratory Furnaces; Furnace Accessories

Thermo Fisher Scientific Booth 501
www.thermoscientific.com
Nicolet iS50 FTIR; Nicolet DXR2xi; Pathfinder

Twente Solid State Technology B.V. Booth 223
www.tsst.nl
PLD Products; Vacuum Systems; Heaters

UC Components Inc. Booth 207
www.ucomponents.com
Fasteners and Seals for Vacuum and Science; Vacuum Fasteners and Seals

Verder Scientific, Inc. Booth 304
www.verder-scientific.com
Heat Treatment; Sample Preparation

WITec Instruments Corp. Booth 413
www.witec-instruments.com
Confocal Raman Microscopy; AFM Microscopes; NSOM Microscopes

J.A. Woollam Company, Inc. Booth 303
www.jawoollam.com
Ellipsometers; Thin Film Characterization; Semiconductor

Yasui Seiki – MIRWEC Booth 603
www.mirwecfilm.com
Custom Precision Thin Film Coaters; Test Coating Service; Precision Coating Consultation

ZEISS Microscopy Booth 307
www.zeiss.com/microscopy/us
Microscopes; Cameras; Imaging Software

Zurich Instruments Ltd. Booth 505
www.zhinst.com
Lock-in Amplifier; Impedance Analyzer; Boxcar Averager; Arbitrary Waveform Generator