



2019 MRS® FALL EXHIBIT

mrs.org/fall2019/exhibit



HYNES CONVENTION CENTER, LEVEL 2

Tuesday, December 3..... 11:00 am – 5:30 pm

Wednesday, December 4..... 11:00 am – 5:30 pm

Thursday, December 5..... 10:00 am – 1:30 pm

abcr GmbH Booth 1309
abcr.de
Ceramic Powders; Metal-organics; Silanes

Accurion, Inc. Booth 617
accurion.com
Active Vibration Isolation; Imaging Ellipsometry

Across International LLC Booth 609
acrossinternational.com
Vacuum Ovens; Laboratory Equipment

ACS Publications Booth 125
pubs.acs.org
Journals; Publishing

Admiral Instruments Booth 1020
admiralinstruments.com
Potentiostats/Galvanostats; EIS Measurements;
Photo-Electrochemistry

AdValue Technology, LLC Booth 604
advaluetech.com
Alumina, Quartz and Sapphire Products

Advanced Polymer Materials Inc. Booth 325
apmpolymers.com
Biodegradable Copolymers; Block Copolymers;
Functional Polymers and Block Copolymers

Advanced Research Systems, Inc. Booth 316
arscryo.com
Laboratory Cryogenics; Probe Stations

AIP Publishing Booth 117
publishing.aip.org
Physics Journals; Conference Proceedings;
Digital Archive

AJA International, Inc. Booth 501
ajaint.com
Sputtering/E-Beam/Ion Milling Systems;
Sputtering Sources; Target and Evaporation Material

Alemnis AG Booth 1209
alemnis.ch
Nanoindenter; High Strain Rate Module;
High and Low Temperature Module

Allevi, Inc. Booth 905
allevi3d.com
3D Bioprinters; Biomaterials

Allwin21 Corp. Booth 710
allwin21.com
Rapid Thermal Processors; Plasma Asher Etch Systems;
Sputtering Equipment

American Physical Society Booth 106
journals.aps.org
Journals

Anasys, now Bruker Booth 300
bruker.com/nanoIR
Nanoscale IR Spectroscopy

ANCORP Booth 511
ancorp.com
Custom Vacuum Chambers; Custom UHV Products;
High Vacuum Products

Andeen-Hagerling, Inc. Booth 420
andeen-hagerling.com
Capacitance Bridges; Capacitance Standards

Angstrom Engineering Inc. Booth 1029
angstromengineering.com
Physical and Chemical Vapor Deposition Equipment;
Box Coaters

Angstrom Sciences, Inc. Booth 1307
angstromsciences.com
Magnetrons; Sputtering Material; Sputtering Cathodes

Angstrom Scientific Inc. Booth 813
angstrom.us
Electron Microscopes and Accessories; Nano-manipulators
and Tensile Stages; EM Sample Prep Equipment

ANNEALSYS Booth 1212
annealsys.com
Rapid Thermal Annealing System;
CVD and MOCVD Equipment

Anton Paar Booth 311
anton-paar.com
Nano Scratch Tester; SAXSpace;
Gas Sorption/Pycnometers

Applied Surface Technologies Booth 1022
co2clean.com
Surface Preparation; CO₂ Cleaning; Surface Cleaning

**Arizona State University's
Core Facilities, Eyring Materials Center
and BioDesign Institute** Booth 1122
cores.research.asu.edu
Materials Characterization; Materials Synthesis
and Modeling; Instrument Design and Training

Asahi Spectra Co., Ltd. Booth 1028
asahi-spectra.com
Xenon Light Source for Material Research; Optical Filters;
Monochromator

**Asylum Research,
an Oxford Instruments Company** Booth 510
afm.oxinst.com
Atomic Force Microscopes; Scanning Probe
Microscopes

attocube systems Inc. Booth 800
attocube.com
Piezo Positioning Systems; Low-vibration Cryogen-free
Cryostats; Low Temperature Scanning Probe and
Confocal Microscopes

Barnett Technical Services Booth 925
barnett-technical.com
Micromanipulators; Cathodoluminescence; AFM;
Raman; Polariscopes

BASi Booth 904
BASinc.com
Electrodes; Electrochemistry Instruments; Cell Stands

Bio-Logic USA, LLC Booth 712
bio-logic.net
Potentiostats; Impedance Analyzers; Battery Cyclers

Blue Wave Semiconductors, Inc. Booth 801
bluwavesemi.com
Electron Beam Evaporators; Pulsed Laser Deposition;
Diamond CVD-HFCVD

Bruker Booth 301
bruker.com
X-ray Diffraction; MicroCT; 3D X-ray Microscopy

Bruker—AFM Probes Booth 319
brukerafmprobes.com
AFM/SPM Probes; AFM/SPM Systems

Bruker Nano Booth 300
bruker.com/afm
AFM/SPM Systems; AFM/SPM Probes; Nanomechanics;
Nanoelectrics; Nanochemical; FTIR

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

Carl Zeiss Microscopy, LLC Booth 310
zeiss.com/microscopy/us
Light Microscopes; Electron Microscopes;
X-Ray Microscopes

Cell Press Booth 112
cell.com
Information; Analytics; Images

CELLINK Booth 1032
cellink.com
3D Bioprinters; Bioinks; Liquid Handlers

Chemat Scientific chematscientific.com Spin Coaters; CVD; Furnace	Booth 1201	Ecopia Corp. ecopia21.co.kr Hall Effect Measurement Systems; HMS-5000 Series Hall Systems; HMS-3000 Hall Effect Systems	Booth 408	FemtoTools AG femtoools.com Nanoindenter; Micro-mechanical Testing System	Booth 504
Cobolt by HUBNER Photonics coboltlasers.com DPSS Single Frequency Lasers; Laser Combiner and Tunable Lasers; Diode Lasers	Booth 322	ECS—The Electrochemical Society electrochem.org Publications; Meetings; Membership	Booth 120	Fischione Instruments fischione.com Ion Mills; Sample Preparation; Specimen Holders; Plasma Cleaners	Booth 405
CRAIC Technologies, Inc. microspectra.com 20/30 PV Microspectrophotometer; 508 PV Microspectrophotometer; Apollo 2 Raman	Booth 502	EDAX Inc. AMETEK Materials Analysis Division edax.com EDS, EBSD and WDS Systems	Booth 917	Frontiers frontiersin.org Publisher; Books; Journals	Booth 206
CrystalMaker Software Ltd. crystalmaker.com CrystalMaker X; CrystalDiffract 6; SingleCrystal 3	Booth 929	Edinburgh Instruments Ltd. edinst.com Spectrometers	Booth 201	Furuya Metal Americas, Inc. furuya-ma.com Precious Metal PGM Materials; High Temperature Materials; PGM Refining and Recovery	Booth 822
CVD Equipment Corporation cvdequipment.com CVD Equipment; Graphene; Gas/Chemical Delivery Systems; CNTs; TMDs; h-BN; Nanowires	Booth 916	Electron Microscopy Innovative Technologies emitLLC.com Desktop Scanning Electron Microscopes; SEM Lab Services; Chemical Analysis	Booth 920	Gamry Instruments gamry.com Potentiostats; Quartz Crystal Microbalance; Electrochemical Impedance Spectroscopy	Booth 910
DataPhysics Instruments USA Corp. dataphysics-instruments.com Contact Angle Goniometer; Tensiometer; Emulsion and Dispersion Stability Analyzers	Booth 832	Electron Microscopy Sciences emsdiasum.com Material Sciences Coater; Lapping and Polishing Equipment; Wafer Cleaving Systems	Booth 600	Gatan gatan.com TEM Imaging and Spectroscopy; SEM and TEM Sample Preparation; SEM Imaging and Spectroscopy	Booth 500
DCA Instruments, Inc. dca.fi MBE Systems and Components; UHV Sputter Systems; PLD	Booth 520	Electron Optics Instruments LLC EmCrafts EOILLC.com Tabletop SEM; Scanning Electron Microscope; Benchtop Scanning Electron Microscope	Booth 1310	Geib Refining Corp. geibrefining.com Gold Scrap; Platinum Scrap; Shield Cleaning	Booth 610
DE GRUYTER degruyter.com Books; E-Books; Journals; Databases	Booth 210	Elsevier elsevier.com Publishing; Journals; Analytics	Booth 110	Geowell Vacuum Co., Ltd. geowell.com.cn Dry Scroll Vacuum Pumps; Oil Free Vacuum Scroll Compressors; Oil Free Vacuum Unit	Booth 705
Delcom Instruments delcominst.com Noncontact Sheet Resistance Meters	Booth 703	Energetiq Technology, Inc. energetiq.com Broadband Light Sources; EUV Light Sources	Booth 919	Goodfellow Corporation goodfellowusa.com Metals; Ceramics; Polymers	Booth 1012
Delong America Inc. lv-em.com LVEM5 Electron Microscope; LVEM25 Electron Microscope	Booth 507	Enli Technology Co., Ltd. enlitechnology.com Solar Simulator; Quantum Efficiency Measurement System; LED Photoluminescence Quantum Yield Measurement	Booth 906	Graphene Square Inc. graphenesq.com Roll-to-Roll CVD Graphene; CVD Graphene Commercialization System	Booth 707
Digital Surf digitalsurf.com Software for Profiler Data Analysis; Software for SEM Data Analysis; SPM Data Analysis Software	Booth 716	Environmental Molecular Sciences Laboratory (EMSL) emsl.pnnl.gov Biomaterials; Organic/Inorganic Interface; Spectroscopy/Microscopy	Booth 1104	Hamamatsu Corporation hamamatsu.com Near Infrared Photomultiplier Tubes; Excimer Lamp	Booth 1006
DIII-D National Fusion Facility ga.com/diii-d Magnetic Fusion Research & Development	Booth 1119	Ereztech LLC ereztech.com Metalorganic Molecules; ALD Precursors; Custom Synthesis	Booth 805	HeatWave Labs, Inc. cathode.com Substrate Heaters; Cathodes/Electron Guns; Ion Sources	Booth 421
DOE Scientific High Performance Computing and Networking Facilities science.osti.gov/ascr Materials Science; Nuclear Energy; Artificial Intelligence	Booth 1106	ETRI (Electronics and Telecommunications Research Institute) etri.re.kr Nanomaterials; Sensors; EMI Shielding; Electronic and Optoelectronic Devices	Booth 225	Heidelberg Instruments Inc. himt.de Direct Write Systems; Maskless Aligners; Nanotechnology Tools	Booth 509
Duniway Stockroom Corporation duniway.com Ion Pumps; Vacuum Gauging; Vacuum Supplies	Booth 407	Evactron® by XEI Scientific, Inc. evactron.com Evactron De-Contaminators; Plasma Cleaners	Booth 309	Herzan LLC herzan.com Vibration Isolation Systems; SEM Accessories; EMI Cancellation	Booth 909
Ebara Technologies, Inc. ebaratech.com Dry Vacuum Pumps; Turbomolecular Pumps; Vacuum Hardware	Booth 924	Extrel CMS, LLC extrel.com Mass Spectrometers	Booth 806	High Flux Isotope Reactor/ Spallation Neutron Source neutrons.ornl.gov Neutrons; User Facility	Booth 1103
Ebatco ebatco.com Contract Lab Services; Materials Testing; Failure Analysis; Microscopy; Nanotechnology; Nanomaterials	Booth 809			Hitachi High Technologies America, Inc. hitachi-hightech.com/us Electron Microscopes; Atomic Force Microscopes; Sample Preparation	Booth 1304

HORIBA Scientific Booth 816
horiba.com/scientific
Raman/NanoRaman; Standard Microscope Spectroscopy; Thin Film Measurement Tools

Hummingbird Scientific Booth 307
hummingbirdscientific.com
TEM Specimen Holders; TEM/SEM/X-Ray; *In situ* TEM

Huntington Vacuum Products Booth 1000
huntvac.com
Motion and Manipulation; Vacuum Chambers; Contract Manufacturing

Hysitron, now Bruker Booth 300
bruker.com/nanomechanical-testing
Nanoindentation Systems; NanoTribology; *In situ* SEM/TEM Nanomechanics; *In operando* Nanomechanics

ID Quantique SA Booth 725
idquantique.com
Near Infrared Single Photon Detectors; Superconducting Nanowire SNSPD Systems; Electronics

Image Metrology Booth 716
imagemet.com
SPM Analysis Software

InRedox LLC Booth 829
inredox.com
Nanoporous Alumina; Nanotubular Titania; Membranes and Nanotemplates

Instec, Inc. Booth 505
instec.com
Temperature Controllers; Hot/Cold Stages; Liquid Crystal Materials

Integrated Dynamics Engineering Booth 933
ideworld.com
Vibration Isolation Systems; EMI Compensation; Lab Environmental Controls

Integrated Surface Technologies Booth 1210
insurftech.com
Surface Modification Services; CVD Equipment

International Centre for Diffraction Data (ICDD) Booth 418
icdd.com
Materials Characterization Databases; Education; Powder Diffraction Journal

International Union of Crystallography Booth 211
iucr.org
Journals; Reference Books; International Congresses

IONTOF Booth 1033
iontof.com
ToF-SIMS; Ion Scattering; SPM

IOP Publishing Booth 122
iopublishing.org
ebooks; Journals; Magazines

ISS, Inc. Booth 217
iss.com
Confocal Microscopes; Time-Resolved Fluorimeters

ISS U.S. National Laboratory Booth 1111
issnationallab.org
Science; Technology; Engineering

Janis Research Company, LLC Booth 417
janis.com
Cryogenics; Probe Stations; Cryostats

Japan Science and Technology Agency Booth 1002
jst.go.jp/chizai/en
Technologies for Licensing; Novel Materials

JASCO Booth 1007
jascoinc.com
Raman; Microscopy; FTIR

JEOL USA, Inc. Booth 516
jeolusa.com
TEM; SEM; NMR; Mass Spectrometry

JoVE Booth 123
jove.com
Science Journal; Publisher; Video Methods

KA Imaging Booth 907
kaimaging.com
Micro-CT, high-resolution X-ray detectors

Kaufman & Robinson, Inc. Booth 525
ionsources.com
RFICP120 Ion Source; End-Hall Ion Source; KDC Gridded Ion Source

KEMSTREAM Booth 1212
kemstream.com
DLI Vaporizers; CVD Vaporizers; ALD Vaporizers

Keysight Technologies, Inc. Booth 932
keysight.com
Semiconductor Device Parameter Analyzers; Impedance Analyzers; Network Analyzers

KLA Corporation Booth 622
kla.com
Profiles; Defect Inspection Products; Metrology Products

Kleindiek Nanotechnik Booth 1306
kleindiek.com
Micro- and Nanomanipulators; Eucentric Tilting Stages Positioners; Nanoprobng Solutions

KP Technology USA Inc. Booth 409
kelvinprobe.com
Ambient-pressure Photoemission System; Kelvin Probe; Work Function Measurement

Kurt J. Lesker Company Booth 400
lesker.com
Pure Targets and Materials; Vacuum Components; Thin Film Deposition Systems

Lake Shore Cryotronics, Inc. Booth 401
lakeshore.com
Cryogenic Probe Stations; Hall Effect Measurement Solutions; Vibrating Sample Magnetometer

Light Source Facilities Booth 1101
bnl.gov
Free Access to Advanced Materials Characterization Techniques

Linkam Scientific Instruments Booth 518
linkam.co.uk
Sample Characterization; Hot Stage Microscopy; *In situ* Optical Microscopy

LTS Research Laboratories, Inc. Booth 620
ltschem.com
Physical Vapor Deposition Materials; Semiconductor Materials; R&D Development

M. Braun, Inc. Booth 1011
mbraunusa.com
Inert Gloveboxes; Vacuum Deposition Tools; Process Equipment

Mad City Labs, Inc. Booth 928
madcitylabs.com
Piezo Nanopositioning Systems; Atomic Force Microscopes; NSOM; Modular Motion Control

Malvern Panalytical Booth 1001
malvernpanalytical.com
Aeris Benchtop XRD; Zetasizer Ultra; EmPyrean

Materials Analysis Technology Inc. (MA-tek Inc.) Booth 213
ma-tek.com | bioma-tek.com
Liquid TEM; K-kit; Wet Cell

Materials Characterization Facility, University of Notre Dame Booth 1121
mcf.nd.edu
Surface Analysis; Spectroscopy; Thermal Analysis

Matheson Tri-Gas, Inc. Booth 605
mathesongas.com
MOCVD Equipment; Industrial Gases; Purifiers

MilliporeSigma Booth 1024
sigmaaldrich.com
Nanomaterials; Energy and Electronics; Biomaterials

MIT Press Booth 118
mitpress.mit.edu
Books

MKS Instruments Booth 423
mksinst.com
Vacuum Gauges; Capacitance Manometers; Process Automation Control

Montana Instruments Booth 523
montanainstruments.com
Variable Temperature Raman Microscopes; Closed-cycle Cryostats

MSE Supplies LLC Booth 719
msesupplies.com
Wafers and Crystal Substrates; Ball Milling Equipment; Jars, Balls; ITO and FTO Glass Substrates

MTI Corporation Booth 901
mtixtl.com
Roll to Roll PE-CVD System; High Throughput Annealing System; TGA Atmosphere Controlled System

Naieel Technology Booth 804
naieel.com
Boron Nitride Nanotubes; BNNT; BNNT Applications

Nano-Master, Inc. Booth 318
nanomaster.com
Atomic Layer Deposition Equipment; Ion Beam Milling and Etching Systems; MOCVD

NanoAndMore USA Corp. nanoandmore.com Atomic Force Microscopy; AFM Probes, Tips, Calibration Samples, Accessories, Sensors; Optical Microscopes; Scanning Probe Microscopy	Booth 612	Nextron Corporation microprobestation.com Micro Probe Station; Micro Optical Chamber	Booth 621	PROTO protoxrd.com High-resolution Diffractometers; Laue Single-crystal Orientation Systems; Powder Diffractometers	Booth 702
nanoHUB nanohub.org Simulation; Cloud computing; Education	Booth 1120	Nor-Cal Products, Inc., A Pfeiffer Vacuum Company n-c.com Custom Vacuum Chambers; Vacuum Components; Vacuum Valves and Traps	Booth 416	Protochips, Inc. protochips.com <i>In situ</i> TEM Holders	Booth 912
NanoMagnetics Instruments nanosis.com.tr Scanning Probe Microscopy; Atomic Force Microscopy; Hall Effect Measurement Systems	Booth 522	NT-MDT America, Inc. ntmdt.com AFM/SPM/STM; Raman TERS; Spectroscopy	Booth 422	PVD Products, Inc. pvdproducts.com Sputtering Deposition Systems; Pulsed Laser Deposition Systems; Custom Deposition Systems	Booth 900
Nanoscale Science User Facilities nsrportal.sandia.gov User Facility; Nanoscience Research; Nanoscience Tools and Capabilities	Booth 1100	Nuclear Science User Facilities (NSUF) nsuf.inl.gov Energy; Research Centers and Organizations	Booth 1116	Qnami GmbH qnami.ch Scanning Probe Microscope; Quantum Microscope; Quantum Diamond Sensors	Booth 820
Nanosurf, Inc. nanosurf.com Atomic Force Microscopes; qPlus; Atomic Resolution	Booth 1018	OptiGrate, An IPG Photonics Company optigrate.com Raman Spectroscopy; Optical Filters; Diode Lasers for Raman Spectroscopy	Booth 711	Quantum Design, Inc. qdusa.com Magneto-Optics; Correlative Microscopy; Lithography	Booth 601
NANOVEA nanovea.com Profilometers; Mechanical Testers; Tribometers	Booth 722	OriginLab Corporation originlab.com Data Analysis Software; Graphic Software	Booth 419	QZabre LLC qzabre.com Scanning NV Magnetometer; Diamond Scanning NV Tips; Scanning NV Services	Booth 810
NASA—Physical Sciences Informatics psi.nasa.gov Open Science; NASA Research; Research Opportunities; Physical Sciences	Booth 203	Oxford Instruments America, Inc. oxinst.com Nano Technology; Plasma Technology	Booth 508	R.D. Mathis Company rdmathis.com Evaporation Sources; Vacuum Materials; Power Supplies	Booth 517
National High Magnetic Field Laboratory nationalmaglab.org Materials Research; High Fields; Scientific Instrumentation	Booth 1112	PARADIM/Cornell NanoScale Facility cnf.cornell.edu User Facility; Materials Innovation Platform	Booth 1110	Radiant Technologies, Inc. ferrodevices.com Ferroelectric Testers; Multiferroic Test Systems; Piezoelectric Analyzers	Booth 503
National Nanotechnology Coordinated Infrastructure nnci.net User Facility; Fabrication; Imaging; Characterization	Booth 1108	Park Systems Inc. parksystems.com Atomic Force Microscopy	Booth 611	Raith America, Inc. raith.com Focused Ion Beam; Electron Beam Lithography; Nanofabrication; SEM	Booth 306
National Tsing Hua University Department of Materials Science and Engineering mse.nthu.edu.tw Education; Research; Analysis Services	Booth 205	Penn State Materials Research Institute mri.psu.edu Materials Characterization; Nanofabrication; 2D Synthesis; Materials Modeling	Booth 1117	Renishaw Inc. renishaw.com Raman Microscopes; Spectrometers	Booth 403
NBM Design, Inc. nbmdesign.com Pulsed Laser Deposition Systems; Vacuum System Components; Custom Vacuum Systems	Booth 323	Photothermal Spectroscopy Corp. photothermal.com FTIR Microscopy; Raman Microscopes; Customer Microscopy Solutions	Booth 607	Rigaku rigaku.com MiniFlex	Booth 1017
neaspec GmbH neaspec.com nano-FTIR; Cryo-near-field Microscope; Near-field Optical Microscope	Booth 802	PicoQuant Photonics, North America, Inc picoquant-usa.com Laser Sources; Photon Counting Electronics	Booth 1023	Rocky Mountain Vacuum Tech, Inc. rmvac.com Vacuum Equipment; Vacuum Systems	Booth 708
Neocera, LLC neocera.com Pulsed Laser Deposition Systems; <i>In situ</i> Diagnostics; Pulsed Electron Deposition	Booth 713	Pine Research Instrumentation, Inc. pineresearch.com Electrochemical Laboratory Equipment; Potentiostats; RDE/RRDE	Booth 320	Royal Society of Chemistry rsc.org Journals; Books; Databases	Booth 212
NETA neta-tech.com Non-Destructive Test; Nano Characterization; Thin Films	Booth 811	Pittcon 2020 pittcon.org Laboratory Science Conference and Exposition	Booth 222	Royal Society Publishing royalsociety.org/journals Journals	Booth 224
NETZSCH Instruments North America, LLC netzsch-thermal-analysis.com/us Thermal Analysis Solutions; Thermal Analysis Equipment; Thermal Properties Analytics	Booth 1025	Plasmaterials, Inc. plasmaterials.com Sputtering Targets; Evaporation Materials; Backing Plates	Booth 701	SAES Group saesgroup.com NEG Vacuum Pump; Getters; CapaciTorrs/NEXTorrs	Booth 1021
		Princeton Scientific Corp. princetonscientific.com Materials for Research; UHV Technology; Precision Wire Saws	Booth 406	SAGE Publishing Ltd. sagepublishing.com Books; Journals	Booth 220

Science/AAAS aaas.org Journals; Publishing; Research	Booth 903	Strem Chemicals, Inc. strem.com Materials and Chemicals; Precursors for CVD/ALD; Nanomaterials	Booth 1016	VAT Group vatvalve.com Edge Welded Bellows; Vacuum Valves; Global Service and Spares	Booth 317
Scienta Omicron, Inc. scientaomicron.com MBE; ARPES; Scanning Probe	Booth 700	Super Conductor Materials, Inc. scm-inc.com Sputtering Targets; Crucible Liners; Thin Films and PVD	Booth 812	Verder Scientific, Inc. verder-scientific.com Sample Preparation; Ovens and Furnaces; Elemental Analysis	Booth 606
Scribner Associates, Inc. scribner.com Fuel Cell; Electrolyzer; Redox Flow Battery	Booth 908	Synton-MDP AG synton-mdp.ch Diamond Tips; Nanoindenter Tips; Stylus Tips	Booth 1206	Vigor Tech USA, LLC vigor-glovebox.com Gloveboxes; Purification Systems; Inert Atmosphere	Booth 625
Seki Diamond Systems sekidiamond.com Microwave Plasma, Hot Filament and Plasma CVD Systems	Booth 803	TA Instruments tainstruments.com Thermal Conductivity; Flash Diffusivity; Mechanical Testing	Booth 902	Virginia Tech Economical and Sustainable Material Strategic Growth Area provost.vt.edu/destination_areas/ areas_of_focus/da_esm.html Graduate Research; Materials Characterization; Materials Research	Booth 223
Semilab USA LLC semilab.com Ellipsometer; Nanoindentation; Scanning Probe Microscopes	Booth 706	Taylor & Francis Group taylorandfrancis.com Journals; Books; Online Content	Booth 116	Wafer World Inc. waferworld.com Silicon Wafers; Germanium Wafers; GaAs Wafers	Booth 1009
Sensofar Metrology sensofar.com S neox 3D Optical Profilometer; Compact 3D Optical Sensors	Booth 828	TDK-Lambda Americas-Neptune us.tdk-lambda.com/HP Programmable Power Supplies	Booth 521	Wiley wiley.com Books; Journals	Booth 121
Sine Scientific Instruments ssi-instrument.com Lock-in Amplifier; Optical Chopper; Low Noise Amplifier	Booth 321	Ted Pella, Inc. tedpella.com Microscopy Supplies; Sample Preparation Supplies; Vacuum Coaters	Booth 616	WITec Instruments Corp. witec-instruments.com Confocal Raman Microscopes; AFM; SNOM/NSOM	Booth 1008
SmarAct Inc. smaract.com High Precision Motion: Piezo Techniques; Metrology; Interferometers; Cryogenic Linear and Rotary Stages	Booth 608	TESCAN USA tescan.com Wide-Field Scanning Electron Microscopes; FIB-SEM Systems; PFIB-SEM Systems	Booth 911	J.A. Woollam Company, Inc. jaoollam.com Ellipsometers; Thin Film Characterization; Spectroscopic Ellipsometers	Booth 404
Society for Science at User Research Facilities (SSURF) ssurf.org Scientific and User Facility Awareness	Booth 1105	Thermo Fisher Scientific thermofisher.com Surface/Microanalysis; FTIR; X-ray Diffraction; High-Purity Metals; Electron Microscopy	Booth 410	World Scientific Publishing worldscientific.com Books; Journals; Magazines	Booth 216
Software for Chemistry & Materials scm.com Materials Modeling Software; Atomistic Simulation Software; Amsterdam Modeling Suite	Booth 218	THINKY USA, Inc. thinkyusa.com Mixers; Laboratory Equipment; Machinery	Booth 918	XENON Corporation xenoncorp.com X-1100; High-intensity Pulsed Light System; Low-cost Benchtop Research Tools	Booth 808
SPECS-TII, Inc. specs.com XPS/UPS Equipment; Customized Systems; SPM	Booth 324	Toshima Manufacturing Co., Ltd. material-sys.com Sputtering Targets; Functional Materials; All Solid Battery Materials	Booth 824	Zurich Instruments USA, Inc. zhinst.com Impedance Analyzer; Lock-in Amplifier; Arbitrary Waveform Generator	Booth 1308
SPEX SamplePrep spexsampleprep.com Sample Preparation Equipment; Mixer Mills and Freezer Mills; Cryogenic Grinders	Booth 817	Trion Technology, Inc. triontech.com Plasma Etch Equipment; Plasma Deposition Equipment; Stripping Systems	Booth 1010		
SPI Supplies, Division of Structure Probe, Inc. 2spi.com Plasma Systems; Coating Systems; Substrates	Booth 1203	UC Components Inc. uccomponents.com Vacuum Hardware	Booth 1019		
Springer Nature springernature.com Journals; Books; Open Access	Booth 107	ULVAC Technologies, Inc. ulvac.com Vacuum Pumps; Rapid Thermal Annealers; Thermoelectric Measuring Units	Booth 1005		
SPS-America sps-america.com Spin Coaters; Direct Laser Writers; Plasma Etchers	Booth 704	UMass Lowell Core Research Facilities uml.edu/research/crf High-end Instrumentation; Research Facilities; CRO Services	Booth 1118		
STAIB Instruments, Inc. staibinstruments.com RHEED; Auger; Surface Analysis	Booth 717	Vacuum Technology Inc. vti-glovebox.com Gas Purifying Glovebox	Booth 825		