

2017 MRS[®] FALL EXHIBIT

Hynes Convention Center | Level 2

WWW.MRS.ORG/FALL-2017-EXHIBIT

Tuesday, November 28 11:00 am – 5:30 pm
 Wednesday, November 29 11:00 am – 5:30 pm
 Thursday, November 30 10:00 am – 1:30 pm

1-Material Inc. Booth 520
 www.1-material.com
 OPV Materials; Organic Semiconductors;
 Functional Materials

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

ABET Booth 211
 www.abet.org
 Accreditation

Across International LLC Booth 323
 www.acrossinternational.com
 Laboratory Equipment

ACS Publications Booth 125
 pubs.acs.org
 Journals

Admiral Instruments Booth 921
 www.admiralinstruments.com
 Potentiostats/Galvanostats; EIS Measurements;
 Photo-Electrochemistry

AdValue Technology, LLC Booth 1032
 www.advaluetech.com
 Alumina Products; Quartz Products; Sapphire Products

Advanced Polymer Materials Inc. Booth 320
 www.apmpolymers.com
 Functional Polymers; Block Copolymers;
 Biodegradable Copolymers

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

Aerotech, Inc. Booth 807
 www.aerotech.com
 Motion Control; Positioning Systems; Industrial Automation

AIP Publishing Booth 111
 scitation.org
 Physics Journals; Conference Proceedings; Digital Archive

AJA International, Inc. Booth 600
 www.ajaint.com
 Deposition Systems; Sputtering Sources; Sputtering Targets

Alemnis AG Booth 1209
 www.alemnis.ch
 Alemnis Nanoindenter; High Dynamic Module;
 High Temperature Module

American Physical Society Booth 201
 journals.aps.org
 Journals

AMPTEK Inc., AMETEK Materials Analysis Division Booth 1210
 www.amptek.com
 EDS SDD Detectors; FAST SDD Detectors; XRF Systems

Amuneal Manufacturing Corp. Booth 1020
 www.amuneal.com
 Magnetic Shielding; Soft Magnetic Materials;
 Hydrogen Annealing

Anasys Instruments Corp. Booth 419
 www.anasysinstruments.com
 Nanoscale Infrared Spectroscopy (nanoIR2-FS, nanoIR2-s)

ANCORP Booth 1011
 www.ancorp.com
 Vacuum Valves; Vacuum Components; Vacuum Chambers

Andeen-Hagerling, Inc. Booth 418
 www.andeen-hagerling.com
 Capacitance Bridges; Capacitance Standards

Anderson Dahlen Inc., Applied Vacuum Division Booth 1212
 www.andersondahlen.com
 Vacuum Chambers; ASME Vessels; Custom Assemblies

Angstrom Engineering Inc. Booth 1029
 www.angstromengineering.com
 PVD, CVD, Sputter Deposition Systems; Electron Beam
 and Thermal Evaporation Systems; Robotic Cluster Tools;
 R&D and Pilot Production Systems

Angstrom Science, Inc. Booth 222
 www.AngstromScience.com
 Atomic Force Microscopes; Scanned Probe Microscopy;
 Microscopy

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

Angstrom Scientific Inc. Booth 725
 www.angstrom.us
 Electron Microscopes and Accessories; Nano-manipulators;
 TEM Heating Holders

Annealsys Booth 605
 www.annealsys.com
 RTP; CVD; DLI-CVD; MOCVD; ALD; RTCVD; Graphene;
 CIGS

Anton Paar USA Booth 823
 www.anton-paar.com
 Atomic Force Microscope; Nano indenter; Nano Scratch
 Tester; SAXSpoint; Non-ambient XRD; Raman Spectroscopy;
 Laser Diffraction

Applied Surface Technologies Booth 508
 www.co2clean.com
 Surface Preparation; CO₂ Cleaning; Surface Cleaning

Asahi Spectra Co., Ltd. Booth 1028
 www.asahi-spectra.com
 Light Source; Optical Filters; Monochromatic

Asylum Research, an Oxford Instruments Company Booth 512
 www.oxford-instruments.com/AFM
 Atomic Force Microscopes; Scanning Probe Microscopes

attocube systems Inc. Booth 602
 www.attocube.com
 Piezo Positioning Systems; Low-vibration Cryogen-free
 Cryostats; Low Temperature Scanning Probe and
 Confocal Microscopes

B&W Tek Booth 611
 www.bwtek.com
 Raman Spectrometers; Spectrometer Modules; Lasers; LIBS;
 NIR Spectrometers

Barnett Technical Services Booth 1313
 www.barnett-technical.com
 Cathodoluminescence; Electron Beam-Induced Current;
 Micromanipulators

Bio-Logic USA, LLC Booth 710
 www.bio-logic.net
 Materials Tester; Potentiostats; Temperature Control
 Sample Holder

Biolin Scientific, Inc. Booth 621
 www.biolinscientific.com
 Q-sense QCM-D; Attension Tensiometer; KSV-Nima

Blue Wave Semiconductors, Inc. Booth 801
 www.bluewavesemi.com
 Vacuum Chambers; CVD Equipment; Substrate Heaters

BNNT, LLC Booth 1031
 www.bnnt.com
 Nanomaterials; Composites; Boron Nitride Nanotubes

Brooks Automation, Inc. Booth 1007
 www.brooks.com
 Cryogenics; Cryopumps; Waterpumps; Cryochillers; PCC
 Compact Coolers; Cryodyne Refrigerators; OnBoard IS XP;
 Continuum

Bruker Booth 301
 www.bruker.com
 XRD Equipment; MicroXRF and TXRF; EDS, WDS, EBSD,
 SEM Micro-XRF and SEM Micro-CT

Bruker AFM Probes Booth 321
 www.BrukerAFMProbes.com
 AFM/SPM Probes

Bruker Nano Surfaces Booth 300
 www.bruker.com/nano
 AFM/SPM Systems; Nanomechanical Test Instruments;
 3D Optical Profilers

Cambridge Polymer Group Booth 1112
 www.campoly.com
 Analytical Testing; Contract R&D; Consulting

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

Cell Press Booth 124
 www.cell.com
 Biomedical Research and Review Journals

Chemat Scientific Booth 1201
www.chematscientific.com
Spin Coating; Dip Coating; Chemical Precursors

Columbia International Technical Equipment and Supplies, LLC Booth 1106
www.col-int.com
Laboratory Equipment for Materials Synthesis and Processing

Cornell Center for Materials Research Booth 210
www.ccmr.cornell.edu
Electron Microscopy; Materials Characterization

Cornell NanoScale & Technology Facility Booth 210
www.cnf.cornell.edu
Nanofabrication; Microfabrication; Characterization

CRAIC Technologies, Inc. Booth 503
www.microspectra.com
UV-visible-NIR microscopes; Microspectrophotometers; Raman Microspectrometers

CRC Press, Taylor & Francis Group Booth 107
www.tandf.co.uk/journals
Journals; Books; Online Content

CrystalMaker Software Ltd. Booth 929
www.crystallmaker.com
CrystalMaker; Crystallography Software; Molecular Visualization

CUNY Advanced Science Research Center Booth 832
www.ascr.cuny.edu
Nanofabrication Facilities; PhD Programs; User Facilities

CVD Equipment Corporation Booth 805
www.cvdequipment.com
CVD Equipment; Gas/Chemical Delivery Systems; Gas Abatement Systems

DataPhysics Instruments GmbH Booth 729
www.dataphysics.de
Contact Angle Measurement; Tensiometers; Stability Analyzers

DCA Instruments, Inc. Booth 506
www.dca.fi
Molecular Beam Epitaxy Systems; UHV Sputtering Systems; UHV Substrate Manipulators; PLD

De Gruyter Booth 209
www.degruyter.com
Books; E-Books; Journals; Databases

Delong America Inc. Booth 1021
www.lv-em.com
LVEM5 5kV Benchtop EM TEM/SEM/STEM; LVEM25 25kV TEM

DigiM Solution LLC Booth 719
www.digimsolution.com
3D Micro-imaging Service; Image Data Analytics Software; Image-Based Simulation

Digital Surf Booth 702
www.digitalsurf.com
Imaging and Analysis Software; Software for Microscopes and Profilers

Direct Electron, LP Booth 1206
www.directelectron.com
TEM Cameras; Direct Detectors; 4D STEM Cameras

Dr. Fritsch FAST/SPS Systems and Powder Shaping Technologies Booth 509
www.fastsintring.com
FAST/SPS Sinter Presses; Cold Presses and Mixers; Granulation Machines

Duniway Stockroom Corporation Booth 700
www.duniway.com
Ion Pumps; Vacuum Gauges; Vacuum Supplies

Dutch Diamond Technologies BV Booth 1111
www.dd-technologies.com
Diamond for Optical Applications; Diamond Spheres; Diamond Seats

Ebara Technologies, Inc. Booth 606
www.ebaratech.com
Dry Vacuum Pumps; Turbomolecular Pumps; Vacuum Gauges

Ecopia Corp. Booth 408
www.ecopia21.co.kr
Hall Effect Measurement Systems; Rapid Thermal Processing Systems; Compact Thermal Evaporators

EDAX Inc., AMETEK Materials Analysis Division Booth 916
www.edax.com
Energy Dispersive X-ray; EBSD; X-ray Detectors

Edinburgh Instruments Ltd. Booth 704
www.edinst.com
Fluorescence Spectrometers; Gas and PS Pulsed Lasers; Transient Absorption

Edwards Vacuum Booth 824
www.edwardsvacuum.com
Vacuum Pumps; Pumps

Electron Microscopy Sciences Booth 701
www.emsdiasum.com
Vacuum Equipment

Elsevier Ltd. Booth 126
www.materialstoday.com/journals
Information Analytics; Journals Publishing; Research

Energetiq Technology, Inc. Booth 609
www.energetiq.com
Laser-Driven Light Sources

Ephemeron Labs Inc. Booth 1208
www.ephemeron-labs.com
Quantitative EBIC Scan Controller; SEM Sample Holders; Manual Wire Bonding Micro-positioners

Evactron® by XEI Scientific, Inc. Booth 309
www.evactron.com
Evactron De-Contaminators; Plasma Cleaners

FemtoTools AG Booth 722
www.femtotools.com
Nanomechanical Testing System; Micromechanical Testing and Assembly Station

Ferrotec (USA) Corporation Booth 608
www.ferrotec.com
Ebeam Evaporation Equipment; Vacuum Feedthroughs; Machinable Ceramics

Film Sense Booth 707
www.film-sense.com
Ellipsometer; Thin Film Measurement

Filmetrics, Inc. Booth 1023
www.filmetrics.com
Optical Profiler; Thin-film Metrology Tools

FIMS Scientific Inc. Booth 930
www.sfims.com
Facility Management System; Intelligent Access Control; BI Report

Fischione Instruments Booth 416
www.fischione.com
TEM Accessories; Sample Preparation; Specimen Holders

Form-Tech Scientific Inc. Booth 819
www.formtechscientific.com
Ball Mills; General and Specialty Milling Jars

FOTRIC Precision Instruments Booth 1107
www.fotric.com
FOTRIC Infrared, 220 Series, R&D and Long-time Online Thermal Cameras; Temperature Measurement

Fraunhofer USA Center for Coatings and Diamond Technologies Booth 818
www.ccd.fraunhofer.org
Contract R&D; Diamond Materials; Thin Films

Furuya Metal Americas, Inc. Booth 1008
www.furuya-ma.com
Sputtering Target; High Temp Thermocouples; Refractory Materials

Gamry Instruments Booth 507
www.gamry.com
Potentiostats; Impedance Spectroscopy; Quartz Crystal Microbalance

Gatan Booth 405
www.gatan.com
TEM Digital Camera Systems; *In-situ* EM Systems; TEM/SEM Specimen Prep

Geib Refining Corp. Booth 607
www.geibrefining.com
Reclaim; Precious Metals; Shield Cleaning

Genco USA Booth 1022
www.genco.com
Process Gas Analyzer; Magnetron; Plasma Source; Reactive Sputtering; Reactive Control

Glines & Rhodes, Inc. Booth 720
www.glinesandrhodes.com
Advanced Materials; Sputtering Targets; Precious Metals Reclamation

GNB Corporation Booth 1124
www.gnbvac.com
Vacuum Chambers; Vacuum Valves; Vacuum Accessories

Goodfellow Corporation Booth 1012
www.goodfellowusa.com
Metals and Materials; Precious Metals; Ceramics and Glass

Hamamatsu Corporation Booth 721
www.hamamatsu.com
Photomultiplier Tubes; Photodiodes; Image Sensors; Mini-spectrometers; Light Sources

Heidelberg Instruments Inc. Booth 1310
www.himt.de
Laser Lithography Systems; Maskless Aligners; Pattern Generators

Herzan LLC www.herzan.com Vibration Isolation Platforms; Acoustic Enclosures; EMI Cancellation	Booth 809	Janis Research Company, LLC www.janis.com Cryostats; Probe Stations; Cryocoolers	Booth 410	MANTIS-SIGMA www.mantis-sigma.com Thin Film Deposition; UHV SPM; UHV XPS	Booth 622
HHV Ltd. www.hhv ltd.com Thermal Resistance, e-Beam and Sputter Systems; Thin Film Optical Coatings and Components	Booth 830	Japan Science and Technology Agency www.jst.go.jp/tt/EN/ Technologies for Licensing; Novel Materials	Booth 206	Mass Applied Science www.massappliedscience.com Particle Sizing; Zeta Potential; Viscosity	Booth 831
Hitachi High Technologies America, Inc. www.hitachi-hightech.com/us Electron Microscopes; Atomic Force Microscopes; Sample Preparation Tools	Booth 1305	Japan Society of Applied Physics www.jsap.or.jp/english/index.html Journals	Booth 118	Materion www.materion.com/advancedmaterials Inorganic Chemicals; Evaporation Materials; Sputtering Targets	Booth 925
HORIBA Scientific www.horiba.com/scientific Spectrometers; Elemental Analyzers; Ellipsometers	Booth 516	JASCO www.jascoinc.com FTIR Microscopes; Raman; UV/Vis	Booth 1003	MDC Vacuum Products, LLC www.mdcvacuum.com Vacuum Chambers; Gate, Angle and Inline Valves; Motion and Manipulation	Booth 820
Hummingbird Scientific www.hummingbirdscientific.com <i>In-situ</i> Specimen Holders; TEM Specimen Holders; Sample Holders	Booth 1017	JEOL USA, Inc. www.jeolusa.com TEM; SEM; FE-SEM, Electron Microscopy	Booth 413	MDPI AG www.mdpi.com Journals; Books; Sciforum; Preprints	Booth 122
Huntington Mechanical Laboratories, Inc. www.huntvac.com Vacuum Chambers; Feedthroughs; Valves	Booth 1000	Kaufman & Robinson, Inc. www.ionsources.com Ion Sources; Sputtering Supplies; Power Supplies	Booth 923	Metrohm USA, Inc. www.metrohm.com Semiconductors; Sensors	Booth 1019
HYPRES, Inc. www.hypres.com Superconductor Circuits; Chip Fabrication Services; Quantum Information Processing	Booth 1213	Keysight Technologies www.keysight.com/find/nano AFM; Nanoindenters; FE-SEM; Semiconductor Device Analyzers; Source Measurement Units; Electrometers	Booth 401	Micro Materials Ltd. www.micromaterials.co.uk Nanomechanical Systems; Thin Film Analysis	Booth 1207
Image Metrology A/S www.imagemet.com SPM Analysis Software	Booth 1100	KLA-Tencor Corporation www.kla-tencor.com Stylus Profiler; Universal Microscope	Booth 317	MICROCERTEC INC. www.microcertec.com Ceramic Components; Metallized Ceramics; 3D Interconnect Devices; Brazed Assemblies; Filament Assemblies	Booth 709
Integrated Dynamics Engineering www.ideworld.com Vibration Isolation Systems; SEM and TEM Controls; Site Surveys	Booth 933	Kleindiek Nanotechnik www.nanotechnik.com Nanomanipulators for FIB/SEM; <i>In-situ</i> Characterization; <i>In-situ</i> AFM	Booth 723	MilliporeSigma (Sigma-Aldrich Materials Science) www.sigma-aldrich.com/matsci Nanomaterials; Organic and Printed Electronic Materials; Lithium Ion Battery Materials; Materials for Energy and Electronics; Biomaterials; Graphene; 2D Materials	Booth 1024
International Centre for Diffraction Data (ICDD) www.icdd.com X-Ray Powder Diffraction; Database; Software	Booth 409	KP Technology USA Inc. www.kelvinprobe.com Ambient-pressure Photoemission System; Kelvin Probe; Surface Photovoltage Spectroscopy	Booth 306	MIT Press www.mitpress.mit.edu Academic Publishing	Booth 221
Intlvac Thin Film www.intlvac.com Pleiades Cluster Thin Film Processing System	Booth 922	Kurt J. Lesker Company www.lesker.com Pure Targets and Materials; Vacuum Components; Thin Film Deposition Systems; Target Bonding Service	Booth 400	MKS Instruments www.mksinst.com Vacuum Quality Monitor; Vacuum Gauges and Components; Mass Flow Controllers	Booth 810
InVacuo, Inc. www.invacuous.com Vacuum Systems; Vacuum Components	Booth 522	Lake Shore Cryotronics, Inc. www.lakeshore.com Cryogenic Probe Stations; Hall Effect Measurement Systems; Vibrating Sample Magnetometers	Booth 501	MMR Technologies, Inc. www.mmr-tech.com Hall Effect Systems; Seebeck Systems; Optical Systems	Booth 1001
ION-TOF USA, Inc. www.iontof.com TOF-SIMS; Ion Scattering; SPM-SIMS	Booth 928	Leica Microsystems Inc. www.leica-microsystems.com Microscopes; Sample Preparation; Imaging Systems	Booth 325	MTI Corporation www.mtixtl.com High Throughput Equipment Line; Roll to Roll Equipment; Ultrasonic Spin-Spray	Booth 901
Ionomr Innovations Inc. www.ionomr.com Anion Exchange Membranes; Ion Exchange Products; R&D Services	Booth 920	Leybold USA Inc. www.leybold.com Vacuum Pumps; Coatings; Leak Detectors	Booth 322	Naieel Technology www.naieel.com BNNT Powder; Thermal Materials; Piezoelectric Sensors/Devices	Booth 806
IOP Publishing www.ioppublishing.org Journals; Magazines; Ebooks	Booth 114	Linseis Inc. www.linseis.com Dilatometers; Thermal Conductivity Analyzers; Simultaneous Thermal Analyzers	Booth 821	Namiki Precision Jewel Co., Ltd. www.namiki.net Diamond Wafer; Sapphire Parts; Cleaning System	Booth 808
ISS, Inc. www.iss.com Spectrofluorometers; Time-resolved Confocal Microscopes; STED Microscopes; Time-Resolved Fluorescence	Booth 217	M. Braun, Inc. www.mbraunusa.com Inert Gloveboxes; Vacuum Deposition Tools; Process Equipment	Booth 911	NanoAndMore USA Corp. www.nanoandmore.com AFM Probes; SPM Probes; Electrical/Conductive Probes	Booth 610
J microTechnology, Inc. www.jmicrotechnology.com Probing Stations; DC, Triax Hi Impedance Microprobes	Booth 804	Malvern Panalytical www.malvernpanalytical.com/Aeris Aeris—Benchtop X-ray Diffractometer	Booth 900		

NanoMagnetics Instruments Ltd. Booth 1101
www.nanomagnetics-inst.com
Scanning Probe Microscopy; Atomic Force Microscopy;
Hall Effect Measurement Systems

Nanomechanics, Inc. Booth 910
www.nanomechanicsinc.com
Gemini; iMicro/iNano Nanoindenters; InSem Nanoindenter

Nanonics Imaging Ltd. Booth 817
www.nanonics.co.il
NSOM/SNOM/SPM; AFM/Raman/TERS;
Multiprobe Systems

NanoScience Solutions Booth 620
www.afm-nss.com
AFM Enhancing Add-on; Nanoindenting AFM Add-on;
AFM Probes of Well-defined Geometry

Nanoscribe GmbH Booth 932
www.nanoscribe.com
Photonic Professional GT

Nanosurf, Inc. Booth 1004
www.nanosurf.com
Atomic Force Microscopes; CoreAFM; AFM+

NANOVEA Booth 223
www.nanovea.com
Profilometers; Mechanical Testers; Tribometers

National Reconnaissance Office Booth 212
acq.westfields.net
Research & Development Funding Programs

NBM Design, Inc. Booth 931
www.nbmdesign.com
Pulsed Laser Deposition Systems; Vacuum System
Components; Custom Vacuum Systems

neaspec GmbH Booth 604
www.neaspec.com
nano-FTIR; Near-field Spectroscopy System; AFM-IR

Neocera, LLC Booth 713
www.neocera.com
Pulsed Laser Deposition Systems; Pulsed Electron
Deposition Systems; *In-situ* Diagnostics

**NETZSCH Instruments
North America, LLC** Booth 1025
www.netzsch.com/ta
Thermal Analysis Instruments; Thermal Conductivity;
Contract Testing

NITE Corporation Booth 1110
www.nite.co.jp
Advanced Ceramic Composite; CMC; SiC/SiC and C/SiC

**Nor-Cal Products, Inc.,
A Pfeiffer Vacuum Company** Booth 417
www.n-c.com
Custom Vacuum Chambers; Vacuum Valves;
Flanges and Fittings

NT-MDT America, Inc. Booth 523
www.ntmdt.com
SPM/AFM/STM; Raman TERS; Spectroscopy

NTT Advanced Technology Corporation Booth 1109
www.ntt-at.com
Pressure Vacuum Oven; GaN HEMT Epiwafer;
TEM Analysis Software

**Nuclear Science User Facilities
Idaho National Laboratory** Booth 1303
nsuf.inl.gov
Energy; Research Centers and Organizations

Olympus America Inc. Booth 219
www.olympus.com
Inverted Metallographs; Upright Microscopes;
Stereo Microscopes; Filter Inspection

OptiGrate Corporation Booth 1116
www.optigrate.com
Ultra-low-Frequency THz Raman Filters;
Volume Bragg Gratings

OPTOSENSE LLC Booth 1102
www.optosenselab.com
Electrospinning; Ultrasonic Spay Pyrolysis; Plasma;
Battery Research Equipment

OriginLab Corporation Booth 617
www.originlab.com
Origin Software; OriginPro Software

OSTEC Instruments Booth 216
www.ostec-instruments.com
Nanohardness Testers; Confocal Microscopy; FTIR

Oxford Instruments Booth 510
www.oxford-instruments.com
Fermi SPM; E-Spec; Thin Film

Oxford University Press Booth 120
www.global.oup.com
Publications

Park Systems Inc. Booth 616
www.parkafm.com
Atomic Force Microscopes—
Park NX10, Park NX20, Park NX10 SICM

Particle Sizing Systems Booth 907
www.pssnicomp.com
AccuSizer A7000; AccuSizer FX and FX Nano;
Nicom N3000 DLS/ZLS

Pfeiffer Vacuum Booth 828
www.pfeiffer-vacuum.com
Vacuum Pumps; Leak Detectors; Vacuum Gauges

Physics Today Booth 213
www.physicstoday.org
Publications

PIEZOCONCEPT Booth 1117
www.piezoconcept.com
Piezostage; Microscopy Stage; Nanopositioner

Plasmaterials, Inc. Booth 524
www.plasmaterials.com
Sputtering Targets; Evaporation Materials; Backing Plates

Princeton Scientific Corp. Booth 411
www.princetonscientific.com
Metal Crystals; Wire Saw; Optical Components

PROTO Booth 705
www.protoxrd.com
Powder Diffraction; Laue Single Crystal Orientation;
Residual Stress XRD Systems

Protochips, Inc. Booth 505
www.protochips.com
Fusion Sample Holders; Poseidon Select Sample Holder;
Atmosphere Sample Holders

Psylotech, Inc. Booth 1211
www.psylotech.com
Under Microscope Load Frames; Meso-Scale Material
Testing; Advanced Polymer Model Contract Testing

PVD Products, Inc. Booth 816
www.pvdproducts.com
Deposition Systems; Magnetron Sputtering;
Pulsed Laser Deposition

Quantachrome Instruments Booth 1030
www.quantachrome.com
Gas Sorption; Pycnometers; Porometers; Porosimeters;
Vapor Sorption; Water Sorption; Rotary Riffle; Autotap

Quantum Design, Inc. Booth 601
www.qdusa.com
PPMS; MPMS; He Liquefier; Crystal Furnace; Lithography;
NanoMOKE; FMR; AFM for SEM

R.D. Mathis Company Booth 716
www.rdmathis.com
Evaporation Sources; Evaporation Materials; E-Beam Liners

Radiant Technologies, Inc. Booth 800
www.ferroelectric testers.com
Ferroelectric, Multiferroic and Piezoelectric Testers

Raith America, Inc. Booth 308
www.raith.com
Focused Ion Beam; Scanning Electron Microscopy;
Electron Beam Lithography; Nanofabrication

Reliable Corporation Booth 1312
www.reliablecorp.com
Sputtering Targets; Evaporative Materials; Precious Metals

Renishaw Inc. Booth 406
www.renishaw.com
Raman Microscopes; Spectrometers

RHK Technology, Inc. Booth 612
www.rhk-tech.com
UHV STM; UHV AFM/STM; Universal SPM Controls

Rigaku Americas Booth 513
www.rigaku.com
MiniFlex; Supermini

Royal Society of Chemistry Booth 207
www.rsc.org
Journals; Books

SAES Group Booth 1104
www.saesgroup.com
NexTorr Pumps; Capacitor Pumps; Capacitor HV Pumps

SAGE Publishing Booth 112
www.sagepublishing.com
Journals

Science/AAAS Booth 205
www.sciencemag.org
Journals; Publishing; Research

Scienta Omicron, Inc. Booth 511
www.scientaomicron.com
Electron Spectroscopy; Scanning Probe Microscopy;
Materials Growth

Seki Diamond Systems Booth 803
www.sekidiamond.com
Microwave Plasma CVD; Hot Filament CVD Systems;
Plasma CVD Systems

SemiconSoft, Inc. Booth 909
www.semiconsoft.com
Thin-Film Measurement Systems

Semilab Booth 906
www.semilab.com
Ellipsometry; Porosimetry; Photoluminescence; DLTS;
SRP; Mercury CV

SmarAct Inc. Booth 708
www.smaract.com
Customized Nanopositioning System; SmarPod,
6D Kinematic Motion Stage; PicoScale Interferometer

Software for Chemistry & Materials Booth 224
www.scm.com
Computational Chemistry Software

**Solartron Analytical, AMETEK
Advanced Measurement Technology** Booth 918
www.solartronanalytical.com
Materials Test System

Solid State Cooling Systems, Inc. Booth 833
www.sscooling.com
Laser Chiller; Thermoelectric Chiller;
Canister Temperature Control

SPECS Surface Nano Analysis, Inc. Booth 307
www.specs.com
Photoelectron Spectroscopy; UHV SPM; Deposition

SPEX SamplePrep LLC Booth 903
www.spexsampleprep.com
Cryogenic Grinder; High Energy Ball Mill

**SPI Supplies, a Division of
Structure Probe, Inc.** Booth 1203
www.2spi.com
Plasma Cleaning/Etching; Coating Systems;
EM Consumables

Springer Nature Booth 117
www.springernature.com
Books; Journals; E-Books

SPS-Europe B.V. Booth 706
www.sps-europe.com
Spin Coaters; Direct Laser Writers; Robot Bearing

STAIB Instruments, Inc. Booth 717
www.staibinstruments.com
RHEED; Auger; Surface Analysis

Strem Chemicals, Inc. Booth 1016
www.strem.com
Materials and Chemicals; Precursors for CVD/ALD;
Nanomaterials

Super Conductor Materials, Inc. Booth 504
www.scm-inc.com
Sputtering Targets; Evaporation Materials; Crucibles Liner

SVT Associates, Inc. Booth 407
www.svta.com
Molecular Beam Epitaxy; Atomic Layer Deposition
Equipment; Pulsed Laser Deposition Equipment

Synton-MDP AG Booth 1113
www.synton-mdp.ch
Diamond Tips; Nanoindenter Tips; Stylus Tips

TA Instruments Booth 521
www.tainstruments.com
Thermal Conductivity Meters; Flash Diffusivity Analyzers;
Dilatometers

TDC/Cactus Materials Booth 619
www.mirror-polish.com/en
Super Precision Roll Polish; Super Precision Foil Polish;
Super Precision Mirror Polish

Tecuum AG Booth 908
www.tecuum.com
Thermal PVD; Thin Films; Coatings

Ted Pella, Inc. Booth 517
www.tedpella.com
Microscopy Supplies; Sample Preparation Supplies;
Vacuum Coaters

Telemark Booth 1125
www.telemark.com
Electron Beam Deposition; Ion Beam Systems;
Thin Film Instrumentation and Metrology

Tescan USA Inc. Booth 811
www.tescan-usa.com
Scanning Electron Microscopes; Dual Beam Microscopes;
FIB-SEM

Thermo-Calc Software Inc. Booth 1033
www.thermocalc.com
Thermo-Calc; DICTRA; TC-PRISMA

Thermo Fisher Scientific Booth 420
www.thermoscientific.com
Surface/Microanalysis; FTIR; X-ray Diffraction;
High-Purity Metals; Electron Microscopy

THINKY USA, Inc. Booth 904
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Planetary Centrifugal Mixer; Nano-Pulverizer;
Vacuum Charger

**TMC, AMETEK Ultra Precision
Technologies** Booth 919
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Floor Vibration Isolation Systems and Tables

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Function Materials

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High-Voltage Amplifiers and Power Supplies; Contacting/
Noncontacting Electrostatic Voltmeters; Surface Charge/
Resistance Measurement

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Stripping Systems

U.S. Army Research Laboratory Booth 1302
www.arl.army.mil
Materials Research; Manufacturing Science;
Breakthrough Materials

UC Components Inc. Booth 905
www.uccomponents.com
Fasteners and Seals; Vented Screws; Extreme Fasteners

ULVAC Technologies, Inc. Booth 1010
www.ulvac.com
Thermoelectric Material Measuring Equipment;
High Temp TRA Furnaces; Vacuum Pumps

University of Colorado Boulder Booth 1301
www.colorado.edu/mse
Graduate Programs—PhD and Master's

Vacuum Technology Inc. Booth 623
www.vti-glovebox.com
Glove Box; Gas Purification System; Evaporator

VAT Group Booth 711
www.vatvalve.com
Vacuum Valves; Multi-Valve Modules; Bellows

Vigor Tech USA, LLC Booth 829
www.vigor-glovebox.com
Glove Boxes; Purification Systems;
Inert Atmosphere Equipment

Wafer World Inc. Booth 1018
www.waferworld.com
Silicon Wafers; Germanium Wafers; GaAs Wafers

Wiley Booth 108
www.wiley.com
Books; Journals

WITec Instruments Corp. Booth 613
www.witec-instruments.com
Confocal Raman Microscopy; Spectroscopy; 3D Mapping

J.A. Woollam Company, Inc. Booth 1002
www.jawoollam.com
Ellipsometers; Spectroscopic Ellipsometry;
Thin Film Measurement

ZEISS Microscopy Booth 310
www.zeiss.com/us/microscopy
Microscopes; Image Analysis Software; Cameras

Zurich Instruments AG Booth 1308
www.zhinst.com
Lock-in Amplifier; Impedance Analyzer;
Arbitrary Waveform Generator

**Zygo Corporation, AMETEK
Ultra Precision Technologies** Booth 917
www.zygo.com
Measurement Systems