

MRS reports election results for 2015

www.mrs.org/governance

Members of the Materials Research Society have elected a vice president (who will serve as president in 2016) and five directors to join the 2015 MRS Board of Directors. The Board is composed of the officers and 12 to 21 directors, established by Board resolution.

The officers of the Society are the president (who serves as chair of the Board), the vice president (who is also the president-elect), the secretary, the treasurer (a position appointed by the Board of Directors), and the immediate past president. Terms of office expire at the end of the year indicated in parentheses. The asterisk (*) designates those who are newly elected. The annual election ended September 19, 2014.

The Board of Directors is organized into the following governing committees: Audit, External Relations, Finance, Governance, Nominating, Operational Oversight, and Planning. Chairs and Members of the committees are either designated by policy or are appointed by the president.

2015 MRS Officers

President

Oliver Kraft
Karlsruhe Institute of Technology

Immediate Past President

Tia Benson Tolle
The Boeing Company

Vice President (President-Elect)

***Kristi Anseth**
University of Colorado Boulder

Secretary

Sean J. Hearne
Sandia National Laboratories

Treasurer

Michael R. Fitzsimmons
Los Alamos National Laboratory

Executive Director

Todd M. Osman
Materials Research Society

2015 Board of Directors

***Charles T. Black (2017)**
Brookhaven National Laboratory

Alexandra Boltasseva (2016)
Purdue University

C. Jeffrey Brinker (2016)
Sandia National Laboratories
and University of New Mexico

David Cahen (2015)

Weizmann Institute of Science

Stephen J. Eglash (2015)
Stanford University

Sossina M. Haile (2015)
California Institute of Technology

Andrea M. Hodge (2015)
University of Southern California

Hideo Hosono (2016)
Tokyo Institute of Technology

***Karen L. Kavanagh (2017)**
Simon Fraser University

Fiona C. Meldrum (2015)
University of Leeds

Kornelius Nielsch (2016)
University of Hamburg

***Christine Ortiz (2017)**
Massachusetts Institute of Technology

***Sabrina Sartori (2017)**
University of Oslo

Eric A. Stach (2015)
Brookhaven National Laboratory

Loucas Tsakalacos (2016)
General Electric–Global Research Center

***Anke Weidenkaff (2017)**
University of Stuttgart

19th International Conference on Microscopy of Semiconducting Materials

<http://msm2015.iopconfs.org>

The Institute of Physics (IoP) biannual conference series “Microscopy of Semiconducting Materials” (MSM-XIX) will be held March 29–April 2, 2015, at Murray Edwards College, University of Cambridge, UK. The conference has a long tradition of focusing on the most recent advances in the study of the structural and electronic properties of semiconducting materials by the application of transmission and scanning electron microscopy. The latest developments in the use of other important micro-characterization techniques,

including scanning probe microscopy and x-ray topography and diffraction, will also be featured. Developments in materials science and technology covering the complete range of elemental and compound semiconductors and nanostructures thereof will be described.

The conference is organized by the Electron Microscopy and Analysis Group, which includes members from physics, materials science, chemistry, and engineering disciplines.

Some of the symposium topics include analytical electron microscopy,

cathodoluminescence, lattice defects in bulk materials, thin films, and scanning electron and ion-beam techniques.

Contributions for oral or poster presentations should be submitted online by December 29, 2014. There is an early registration deadline of February 25, 2015. The proceedings of the conference will be published in special issues of scientific journals. More information can be accessed at the meeting website at <http://msm2015.iopconfs.org>. □

EXHIBITORS

HYNES CONVENTION CENTER • LEVEL 2

Tuesday, December 2 11:00 am–5:30 pm

Wednesday, December 3 11:00 am–5:30 pm

Thursday, December 4 10:00 am–1:30 pm



2014 **MRS**[®]
FALL MEETING & EXHIBIT

3T Analytik Booth 832
www.3t-analytik.com
qCellT Quartz Crystal Microbalance (QCM)
Sensor Instrument

A & N Corporation Booth 1025
www.ancorp.com
Vacuum Components; Vacuum Chambers; Vacuum Valves

abcr GmbH Booth 1312
www.abcr.de
Advanced Ceramic Powders; Metal-organics; Silanes

Across International LLC Booth 308
www.acrossinternational.com
Lab Furnace; Induction Heaters; Vacuum Oven

ACS Publications Booth 123
pubs.acs.org
ACS Publications Materials Science Portfolio

AdNaNo Corp. Booth 1102
www.adnano-tek.com
Pulsed Laser Deposition; UHV Sputter System;
Molecular Beam Epitaxy

AdValue Technology, LLC Booth 620
www.advaluetech.com
Alumina and Quartz Crucibles, Tubes and Plates;
Quartz Cuvettes; Sapphire Crucibles

Advanced Energy Industries, Inc. Booth 829
www.advanced-energy.com
Pinnacle[®] PLUS+ HALO Power Supply; Paramount[®] RF
Power-Delivery Systems; Navigator[®] II Digital Matching
Network

Advanced Polymer Materials Inc. Booth 908
www.apmpolymers.com
Biodegradable Polymers; Functional Block Copolymers;
PEG Related Polymers

Advanced Research Systems, Inc. Booth 310
www.arscryo.com
4K Cryocoolers; Custom Lab Systems;
Nanoscience Materials Characterization

**Advanced Test Reactor National
Scientific User Facility** Booth 222
Idaho National Laboratory
atrnslf.inl.gov
Cost-free Capabilities for Nuclear Materials Science

Aerotech, Inc. Booth 718
www.aerotech.com
Q-Series Piezo Stages; Q-Lab Controller; ANT Stages

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

AIST-NT, Inc. Booth 1308
www.aist-nt.com
Atomic Force/Scanning Probe Microscopes; Combined
AFM & Raman Spectroscopy Systems

AIXTRON SE Booth 407
www.aixtron.com
MOCVD/CVD/PECVD Equipment; OVPD and PVPD
Equipment; ALD Equipment

AJA International, Inc. Booth 800
www.ajaint.com
Sputtering Systems; Sputter Sources; Sputter Targets

Aldrich Materials Science Booth 600
www.sigmaaldrich.com/matsci
Organic and Printed Electronics Materials; Nanomaterials;
Materials for Energy and Electronics

Alfa Aesar, a Johnson Matthey Company Booth 912
www.alfa.com
High-Purity Metals; Evaporation Materials; Ceramics

Alfred University Booth 225
CACT.alfred.edu
Education; Research; Consulting

Alicat Scientific, Inc. Booth 204
www.alicat.com
Mass Flow Meters; Mass Flow Controllers;
Pressure Controllers

American Physical Society Booth 121
journals.aps.org
Publications; Physics Journals; Online Journals

ANA Innovation Huts and Services Inc. Booth 711
www.anarghyainnotech.com
Confocal Raman AFM; UHV ESCA/XPS/ARPES; UHV
Components and Systems; Cryo UHV AFM/STM; Mask
Aligners; Spincoaters

Anasys Instruments Corp. Booth 1006
www.anasysinstruments.com
Nanoscale Infrared Spectroscopy (nanoIR, nanoIR2);
AFM+; nano-TA2

Andeen-Hagerling, Inc. Booth 421
www.andeen-hagerling.com
Capacitance/Loss Bridges; Capacitance Standards

Anfatec Instruments AG Booth 1211
www.anfatec.de
SPM Controllers; LockIn Amplifiers; AFM/SNOM

Angstrom Engineering Inc. Booth 928
www.angstromengineering.com
Thin Film, CVD, Sputter Deposition Systems; Electron Beam
& Thermal Evaporation Systems; R&D and Pilot Production
Systems; Robotic Cluster Tools

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

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Electron Microscopy and Accessories; Nano-manipulators;
TEM Heating Holders

Annealsys Booth 806
www.annealsys.com
RTP; DLI-CVD; MOCVD; ALD; RTCVD; LPCVD

Anton Paar USA Booth 207
www.anton-paar.com
Small Angle X-Ray Scattering; SAXSpace; X-Ray Diffraction;
Instrumented Indentation Testers; Scratch Testers;
Tribometer; Calotest/Calowear

Applied NanoStructures, Inc. Booth 1206
www.apnnano.com
SPM Probes; MEMS; Thermal Imaging

Applied Surface Technologies Booth 1212
www.co2clean.com
CO₂ Snow Jet Cleaning; Surface Cleaning;
Substrate Cleaning

Applied Vacuum Technology, LLC Booth 1207
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UHV Chambers; UHV Flanges; Custom Components and
Assemblies

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www.aramcoservices.com
Advanced Materials Research; Membranes; Catalysis

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Xenon Light Source; Monochromatic Illuminator;
Optical Filters

**Asylum Research
an Oxford Instruments Company** Booth 510
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Atomic Force/Scanning Probe Microscopes;
AFM/SPM Probes

attocube systems AG Booth 505
www.attocube.com
Piezo Positioning Systems; Low-vibration
Cryogen-free Cryostats; Low Temperature
Scanning Probe and Confocal Microscopes

B&W Tek, Inc. Booth 609
www.bwtek.com
Raman Spectrometers; Spectrometer Modules; Lasers

Barnett Technical Services LLC Booth 1314
www.barnett-technical.com
Cathodoluminescence Systems; Micromanipulators;
Scanning Probe Microscopes

Bio-Logic USA, LLC Booth 625
www.bio-logic.us
Potentiostat; Battery Cycler; Scanning Probe Microscopy

Blue Wave Semiconductors, Inc. Booth 801
www.bluewavesemi.com
Substrate Wafer Heaters; Thin Film Deposition Systems;
Thin Films and Coating Materials; R&D Services

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www.bnnt.com
Boron Nitride Nanotubes

Bose Corporation Booth 930
www.bose-electroforce.com
DMA-Dynamic Fatigue Systems; Cardiovascular Stent Graft
Test Systems; BioDynamic Tissue Engineering Test Systems

Brooks Automation, Inc. Booth 200
www.brooks.com
Cryogenics; Cryopumps; Waterpumps; Cryochillers;
PCC Compact Coolers; Cryodyne Refrigerators

Bruker Booth 301
www.bruker.com
X-Ray Diffraction; Near Infrared Spectroscopy;
Raman Spectroscopy

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Atomic Force Microscopes; 3D Optical Microscopes; Stylus
Profilers; Tribometers; Nano-, Micro- and Macro-Indenters;
Scratch Testers; AFM Probes

Bruker AFM Probes Booth 304
www.BrukerAFMProbes.com
AFM Probes; SPM Probes; Imaging Accessories; Calibration
and Reference Products

Cambridge Polymer Group Booth 810
www.campoly.com
Contract Research; Analytical Testing;
Materials Formulation

Cambridge University Press Booth 100
www.cambridge.org/us/academic
Books; Journals

Carl Zeiss Microscopy, LLC Booth 1016
www.zeiss.com/microscopy
Light Microscopes; Electron Microscopes;
X-ray Microscopes

Chemat Technology, Inc. Booth 201
www.chemat.com
Spin Coating; Dip Coating; Chemical Precursors

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www.coldedgetech.com
Cryostats; Cryocoolers; Cryogenics

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Raman Microspectrometers

CRC Press-Taylor & Francis Booth 124
www.crcpress.com
Books; Electronic Content

CRYO Industries of America, Inc. Booth 423
www.cryoindustries.com
Liquid Helium Liquefiers; Closed Cycle Cryostats;
Continuous Flow Cryostats

CrystalMaker Software Ltd. Booth 929
www.crystallmaker.com
CrystalMaker; CrystalDiffract; SingleCrystal

CVD Equipment Corporation Booth 1213
www.cvdequipment.com
CVD Equipment; Gas/Chemical Delivery Systems;
Gas Abatement Systems

DCA Instruments, Inc. Booth 520
www.dca.fi
UHV PLD Systems; UHV Sputtering Systems;
MBE Systems

De Gruyter Booth 1300
www.degruyter.com
Books; Journals; eBook; eJournals

Delong America Inc. Booth 1022
www.lv-em.com
LVEM5 Electron Microscope

Digital Surf SARRL Booth 704
www.digitalsurf.com
Surface Imaging, Analysis and Metrology Software for
Microscopes and Profilers

Dolcera Booth 623
www.dolcera.com
IP Analysis; Business Research; Product Development

Duniway Stockroom Corporation Booth 601
www.duniway.com
Ion Pumps; Gauge Controllers; Pump Rebuilding Services

EBARA Technologies, Inc. Booth 1023
www.ebaratech.com
Dry Vacuum Pumps; Turbomolecular Pumps;
Exhaust Abatement

Ecopia Corp. Booth 205
www.ecopia21.co.kr
Hall Effect Measurement Systems; RTP Systems

EDAX Inc. Booth 813
www.edax.com
Energy Dispersive X-ray; EBSD; X-ray Detectors

Electron Microscopy Sciences/Diatome Booth 316
www.emsdiasum.com
Grinders/Polishers; Diamond Wheels/Saws;
Microscopy Supplies

Elsevier Booth 111
www.elsevier.com
Books; Journals; Electronic Products

Energetiq Technology, Inc. Booth 709
www.energetiq.com
Laser-Driven Light Source

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HgCdTe Wafers; Infrared Focal Plane Arrays;
Infrared R&D Services

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www.fei.com
Talos TEM; Titan Themis; Teneo; Helios G3;
Helios PFIB

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www.femtotools.com
Electro-Mechanical Probe Station; Micromechanical Testing
System; Microrobotic Handling System

Film Sense Booth 1120
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Ellipsometer

Fischione Instruments Booth 506
www.fischione.com
TEM Accessories; Sample Preparation;
Specimen Holders

FlackTek, Inc. Booth 804
www.speedmixer.com
Mixing Machines; Laboratory Mixers;
High-speed Mixing

FUJIFILM Dimatix, Inc. Booth 1003
www.dimatix.com
Dimatix Materials Printer; Dimatix Materials Cartridge;
Inkjet Printheads & Systems

Furuya Metal Americas, Inc. Booth 920
www.furuyametals.co.jp/english
Precious Metals Crucibles; Precious Metals Thermocouples;
Precious Metals Chemical Compounds

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Gatan, Inc. www.gatan.com Materials Characterization; Nanotechnology; Photovoltaics	Booth 412	Huntington Mechanical Laboratories, Inc. www.huntvac.com Feedthroughs; Valves; Chambers	Booth 1000	Japan Advanced Institute of Science and Technology www.jaist.ac.jp/ms/english/index.html International Education; Advanced Research; Graduate School	Booth 223
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Goodfellow Corporation www.goodfellowusa.com Metals and Materials for Research & Development	Booth 1013	Image Metrology A/S www.imagemet.com SPIP Image Analysis Software	Booth 1100	Japan Society of Applied Physics www.jsap.or.jp/english/index.html Journals	Booth 108
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Harvard University Center for Nanoscale Systems cns.fas.harvard.edu Shared Facilities Center for Nanotechnology; NNIN Site	Booth 1208	INFICON www.inficon.com Thin Film Deposition; Quartz Crystal Microbalance Research; Vacuum Gauges and Components	Booth 525	JoVE www.jove.com Peer-reviewed Scientific Video Journal; Science Education Database	Booth 109
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Heidelberg Instruments, Inc. www.himt.de microPG Systems; Direct Write Lithography Systems; Maskless Lithography Tools	Booth 523	Integrated Dynamics Engineering www.ideworld.com Vibration Isolation; EMI Cancellation; Acoustic Control	Booth 931	k-Space Associates, Inc. www.k-space.com Real-time Measurement of Substrate Temperature; Thin-film Thickness and Deposition Rate; Film Stress and Wafer Curvature	Booth 916
HEKA Instruments Inc. www.heka.com Electrochemical Scanning Microscopes; Potentiostats	Booth 819	International Centre for Diffraction Data (ICDD) www.icdd.com X-Ray Powder Diffraction; Database; Software	Booth 408	Kaufman & Robinson, Inc. www.ionsources.com Ion Sources; Electron Sources; Power Supplies	Booth 807
Herzan LLC www.herzan.com AEK-2002 Acoustic Enclosure; TS Vibration Isolation Tables; WaveCatcher Site Survey Tool	Booth 322	International Union of Crystallography www.iucr.org Journals; Reference Books; Online Services	Booth 114	Keithley Instruments, Inc. www.keithley.com Source Measure Unit Instruments; Low Level Electrical Measurement Instruments; I-V Characterization Systems; DMMs and Power Supplies	Booth 611
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Lake Shore Cryotronics, Inc. Booth 701
www.lakeshore.com
Probe Stations; Hall Effect Systems; Cryogenic Instruments and Sensors

Lambda Technologies, Inc. Booth 702
www.microcure.com
Broadband Microwave Laboratory Oven; Variable Frequency Microwave Tools; Microwave Process Development Services

Landt Instruments, Inc. Booth 1118
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Mettler-Toledo, LLC Booth 605
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DSC; TGA; Flash DSC; DMA; TMA; Microscopy Hot Stage

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Micro CT; X-ray Cameras; θ X-ray Diffraction

MicroFab Technologies, Inc. Booth 904
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Particle Analyzers; Image Analyzers; Surface Area

Microwave Enterprises, Ltd. Booth 1116
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Microwave Plasma CVD Systems; Diamond Deposition Systems; Single Crystal and Polycrystalline Lab Grown Diamond Material

MicroXact Inc. Booth 809
www.microxact.com
Probe Systems

MIDAS Mask Aligners Booth 722
www.midasus.com
Mask Aligners; Spin Coaters; Scanning Electron Microscopes

MKS Instruments Booth 918
www.mksinst.com
Vacuum Quality Monitor; Vacuum Gauges and Components; Mass Flow Controllers

MMR Technologies, Inc. Booth 1001
www.mmr-tech.com
elan2 Liquid Nitrogen Generators; Variable Temperature Hall & Seebeck Measurement Systems

MTI Corporation Booth 901
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Battery R&D Equipment; High Temperature Furnaces; Single Crystal Substrates

Multiwire Laboratories, Ltd. Booth 1007
www.multiwire.com
Real-Time Back-Reflection Laue X-ray Camera System

NanoAndMore USA Inc. Booth 610
www.nanoandmore.com
AFM and SPM Probes; Particle Size and Zeta Potential Analyzers; DIHM

NANOLANE Booth 808
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Sarfus Mapping Stations; SEEC Slide

NanoMagnetics Instruments USA, LLC Booth 1101
www.nanomagnetics-inst.com
AFM/SPM; Scanning Hall Probe; Cryostats

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www.insem.com
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Nanoscribe GmbH Booth 1021
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3D Laser Lithography Systems; Photoresists

Nanosurf, Inc. Booth 1010
www.nanosurf.com
Atomic Force Microscope; FluidFM; ARTIDIS

Nanounity Booth 706
www.nanounity.com
SEM; Raman; Nanoindentation

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www.pelletron.com
Pelletron Accelerator; RBS/PIXE/ERD; Accelerator Mass Spectrometry

National Nanotechnology Infrastructure Network Booth 1304
www.nnin.org
Nanofabrication Services; Nanofabrication User Facility

National Reconnaissance Office Booth 224
dii.westfields.net
Aerospace; Remote Sensing; Research & Development Funding

Nature Publishing Group Booth 110
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AFM Probes; STM Probes; Micro Nano Device

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Nanoparticle; Optical Tweezers; Photonics; Materials
Analysis; Nanotechnology

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Park XE7

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Physics Today Booth 119
www.physicstoday.org
Publications; Buyers Guide

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Bonding

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Liquid and Electrochemistry Holders; C-flat Holey Carbon
Specimen Support Grids

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Evaporation Systems

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Gas Sorption; Pycnometers; Porometers; Porosimeters;
Vapor Sorption; Water Sorption; Rotary Riffle; Autotap

Quantum Design, Inc. Booth 501
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He Liquefier; Physical Property Measurement System;
Squid Magnetometer; Crystal Furnace

R.D. Mathis Company Booth 617
www.rdmathis.com
Evaporation Sources; Evaporation Materials;
Power Supplies

Radiant Technologies, Inc. Booth 903
www.ferroelectric testers.com
Ferroelectric Testers; MultiFerroic Testers; Piezoelectric
Test Systems

Refining Systems, Inc. Booth 1009
www.refiningsystems.com
Sputtering Targets; Crucibles and Dishes; Evaporation
Materials; Wires and Tubing

Renishaw Inc. Booth 411
www.renishaw.com
Raman Microscopes; Spectrometers

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

Rigaku Americas Corporation Booth 712
www.rigaku.com
MiniFlex 600

Rocky Mountain Vacuum Tech, Inc. Booth 306
www.rmvac.com
Vacuum Equipment; Vacuum Components

Royal Society of Chemistry Booth 1301
www.rsc.org
Journals; Books; Databases; Membership

SAGE Publications Booth 122
www.sagepub.com
Books; Journals

Scientific Instruments, Inc. Booth 607
www.scientificinstruments.com
9700 Controller; SCM10 Indicator; Diodes

Seki Diamond Systems Booth 803
www.sekidiamond.com
Microwave Plasma CVD Systems; Hot Filament CVD
Systems; Plasma CVD Systems; Thermal CVD Systems;
Diamond Materials; Thermal Conductivity Measurement

SemiconSoft, Inc. Booth 907
www.semiconsoft.com
Thickness Measurement; Polymer Thickness;
Spectroscopic Reflectometer

Semicore Equipment Inc. Booth 724
www.semicore.com
Sputtering Systems; Evaporation Systems; Custom PVD
Systems & Components

ShenZhen Nanotech Port Co., Ltd. Booth 1112
www.nanotubes.com.cn
Carbon Nanotubes; CNT Conductive Paste;
CNT Masterbatch

Sixth Element (Changzhou) Materials Booth 811
Technology Co. Ltd.
www.thesixthelement.com.cn
Graphene; Graphene Oxide

SmarAct Inc. Booth 821
www.smaract.com
Micropositioners; Nanopositioners; Parallel Kinematics

Solartron Analytical (AMETEK) Booth 812
www.solartronanalytical.com
Materials Test Systems

Sonaer, Inc. Booth 622
www.sonaer.com
Ultrasonic Atomizer Nozzles; Robotic Coating Systems;
Ultrasonic Particle Generators

SonoPlot, Inc. Booth 309
www.sonoplot.com
Microplotter Materials Dispensing Systems; Printed
Electronics; Materials Printer

SPECS Surface Nano Analysis, Inc. Booth 203
www.specs.com
JT Scanning Tunneling Microscope; NAP-XPS; LEEM-PEEM

SPI Supplies/Structure Probe, Inc. Booth 1203
www.2spi.com
Plasma Etching Systems; Graphene Products;
Ion Milling Systems

Springer Booth 101
www.springer.com
Books; Journals; E-Books

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

Strem Chemicals, Inc. Booth 1012
www.strem.com
Nanomaterials; CVD/ALD Precursors; Bubblers

Super Conductor Materials, Inc. Booth 602
www.scm-inc.com
Sputtering Targets; Evaporation Materials;
Crucible Liners

Surface Measurement Systems Booth 621
www.surfacemeasurementsystems.com
Gravimetric Vapor Sorption; Surface Energy Analyzer;
Dynamic Vapor Sorption

SVT Associates, Inc. Booth 410
www.svt.com
Molecular Beam Epitaxy; Pulsed Laser Deposition;
Atomic Layer Deposition

SwissLitho AG Booth 1122
www.swisslitho.com
NanoFrazor Explore

Synton-MDP AG Booth 1108
www.synton-mdp.ch
Diamond Tips; Nanoindenter Tips; Stylus Tips

T&C Power Conversion, Inc. Booth 1210
www.tcpowerconversion.com
13.56 MHz Complete RF Delivery Systems from 100W up to
2400W; LF Generators; Custom RF Amplifiers

TA Instruments Booth 823
www.tainstruments.com
Discovery DSC; Discovery Hybrid Rheometer; DLF-1200

Tamura Corporation Booth 922
www.tamura-ss.co.jp
Gallium Oxide Substrates

TDC Corporation Booth 209
www.mirror-polish.com
Polishing/Lapping Service; Precision Manufacturing;
Super Precision Polished Products

Ted Pella, Inc. Booth 516
www.tedpella.com
Microscopy Supplies; Sample Prep; Vacuum Coating

Tekna Plasma Systems Inc. Booth 720
www.tekna.com
Integrated Plasma Systems

Telemark Booth 824
www.telemark.com
Electron Beam Deposition; Film Thickness Monitoring;
Ion Beam Sources

Tescan USA Inc. Booth 816
www.tescan-usa.com
Scanning Electron Microscopes; Focused Ion Beam
Workstations; Mineral Analyzers

The Mellen Company, Inc. Booth 805
www.mellencompany.com
Furnaces; Control Systems; Heaters

Thermo Scientific Booth 422
www.thermoscientific.com/carbon
Raman Imaging Microscope; XPS Spectrometer;
X-Ray Microanalysis System

Toho Technology Inc. Booth 1104
www.tohotechnology.com
FLX; TohoSpec 3100; NanoSpec II; RPM-Blue; HL5500;
Vertex

Trion Technology, Inc. Booth 1004
www.triontech.com
Plasma Etch Equipment; Plasma Deposition Equipment;
Photoresist Strip Equipment

UES, Inc. Booth 606
www.ues.com
RoboMet.3D Serial Sectioning System;
Advanced Coatings for Die Casting

Ultratech/Cambridge NanoTech Booth 708
www.cambridgenanotechALD.com
ALD Systems Deposition Systems; ALD Deposition Tools;
Coating Services

ULVAC Technologies, Inc. Booth 713
www.ulvac.com
Nano Particle Deposition Systems; Rapid Thermal Annealing
Equipment; Thermoelectric Measuring Equipment

United Mineral & Chemical Corporation Booth 1311
www.umccorp.com
MBE Source Materials; MBE Equipment; Dopants

Vacuun Technology Inc. Booth 1029
www.vti-glovebox.com
Glove Box; Gas Purification System; Evaporator

VAT, Inc. Booth 325
www.vatvalve.com
Vacuum Valves; Control Valves; Leak Valves

Verder Scientific, Inc. Booth 923
www.verder-scientific.com
Laboratory Milling & Sieving

VG Scientia, Inc. Booth 1008
www.vgscientia.com
Photoelectron Spectroscopy; Molecular Beam Epitaxy;
Scanning Probe Microscopy

VG Scientia Ltd. Booth 1310
www.vgscientia.com
Ultra High Vacuum; Manipulation; Linear and Rotary Drives;
Transfer

Vigor Gas Purification Technologies Inc. Booth 825
www.vigor-glovebox.com
Glove Box; Gas Purification System; Solvent Purification
System

Wafer World Inc. Booth 1005
www.waferworld.com
Silicon Wafers; Germanium Wafers; Clean Room Packaging

Wiley Booth 116
www.wiley.com
Books; Journals; Online Resources

WITec Instruments Corp. Booth 902
www.witec-instruments.com
Confocal Raman Microscopy; Scanning Near-Field
Microscopy; Atomic Force Microscopy

J.A. Woollam Company, Inc. Booth 1002
www.jawoollam.com
Spectroscopic Ellipsometers

World Scientific Publishing Co. Booth 120
www.worldscientific.com
Books/eBooks; Journals/eJournals

XEI Scientific, Inc. Booth 1028
www.evactron.com
Remote Plasma De-contaminators for SEM, FIB and High
Vacuum Chambers; Sample Precleaning Systems; New EP
Low-cost Plasma Cleaner

Yugyokuen Ceramics Co., Ltd. Booth 307
www.yugyokuen-ceramics.com
Ceramic; Vacuum Components; Brazing

Zurich Instruments Ltd. Booth 1128
www.zhinst.com
HF2LI Lock-in Amplifier; UHF2LI Lock-in Amplifier;
UHF-BOX Boxcar Averager

Zygo Corporation Booth 913
www.zygo.com
Metrology; Optics; Testing Service