



MRS Bulletin Volume Organizers guide technical theme topics for 2014

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The *MRS Bulletin* 2014 volume organizers, who will guide the development of theme topics for the 2014 volume year, are Deborah E. Leckband (University of Illinois at Urbana-Champaign, USA), Yuri Suzuki (Stanford University, USA), Enrico Traversa (King Abdullah University of Science and Technology, Saudi Arabia), and Yonhua (Tommy) Tzeng (National Cheng Kung University, Taiwan). Requests for instructions on submitting proposals for *MRS Bulletin* theme topics can be emailed to bulletin@mrs.org.

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Deborah E. Leckband is the Reid T. Milner Professor in the Chemistry Department at the University of Illinois at Urbana-Champaign. She received her BS degree from Humboldt State University and her PhD degree from Cornell University, then held a postdoctorate position at the Massachusetts Institute of Technology and the University of California–Santa Barbara. Her research focuses on the interfacial properties of biomaterials, biomolecular and cell interactions with materials, and biological adhesion. She is a Fellow of the American Chemical Society, the American Association for the Advancement of Science, and the American Institute for Medical and Biological Engineering.



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Yuri Suzuki is currently a professor in the Department of Applied Physics at Stanford University. She received an AB degree from Harvard University and a PhD degree in applied physics from Stanford University. Following her postdoctoral position at AT&T Bell Labs, Suzuki

was an assistant and associate professor in the Department of Materials Science and Engineering at Cornell University. She then moved to the Department of Materials Science and Engineering at the University of California–Berkeley as

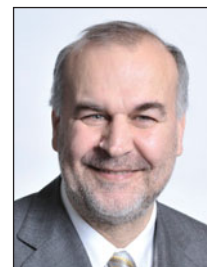


an associate professor and was later promoted to professor. Most recently, she moved to Stanford University. Suzuki's research is focused on the

study of novel ground states and functional properties in condensed-matter systems synthesized through atomically precise thin-film deposition techniques. Her recent emphasis has been on highly correlated electronic systems, especially new spintronic materials that address fundamental questions that still exist in magnetism. Suzuki has been recognized with an NSF Career Award, ONR Young Investigator Award, David and Lucile Packard Foundation Fellowship, Robert Lansing Hardy Award of TMS, Maria Goeppert-Mayer Award of the American Physical Society, and American Competitiveness and Innovation Fellowship of the National Science Foundation. She is a Fellow of the American Physical Society (APS). She has served in the American Physical Society and the Materials Research Society, including MRS Meeting Chair and Board of Directors.

Enrico Traversa just joined King Abdullah University of Science and Technology in Saudi Arabia, after being the director of the Department of Fuel Cell Research at the International Center for Renewable Energy, Xi'an Jiaotong University, China. Traversa joined the University of Rome Tor Vergata in 1988, where he

also remains a professor of Materials Science and Technology in leave of absence. From January 2009 to March 2012, he was a principal investigator at the International Research Center for Materials Nanoarchitectonics at the National Institute



for Materials Science (NIMS), Tsukuba, Japan, leading a unit on sustainability materials. He earned his Laurea (Italian doctoral degree)

in 1986 in chemical engineering from the University of Rome La Sapienza. His research interests include nanostructured materials for environment, energy, and health care, with special attention to sustainable development. Traversa is an author of more than 480 scientific papers (more than 300 of them published in refereed international journals) and he holds 15 patents. Among his honors and awards are election to the World Academy of Ceramics, the Ross Coffin Purdy Award of the American Ceramic Society, and a 1000 Talent Scholarship from China. He has served MRS on the International Relations Committee from 2003 to 2009. He served the Electrochemical Society on several committees, is now Past Chair of the High Temperature Materials Division and serving on the Honors and Awards Committee. Traversa is currently Editor-in-Chief of *Materials for Renewable and Sustainable Energy* and an associate editor for the *Journal of Nanoparticle Research*.

Yonhua (Tommy) Tzeng is a University Chair Professor of Electrical Engineering and Dean of the College of Electrical Engineering and Computer Science at



National Cheng Kung University (NCKU) in Tainan, Taiwan. Prior to joining NCKU, he was an Associate Director of the Alabama Micro/Nano Science and Technology Center and Alumni Chair Professor of Electri-

cal and Computer Engineering at Auburn University, Alabama, where he now serves as a Professor Emeritus. He has been a visiting professor at Cavendish Laboratory, Cambridge University, England; Tokyo Institute of Technology, Japan; and Argonne National Laboratory,

USA. Tzeng's research focuses on chemical vapor deposition of diamond and nanoscale materials and devices, including nanocarbon electronics and photonics. He earned his BS degree from National Taiwan University and his MS and PhD degrees from Texas Tech University, all

in electrical engineering. He was elected a Fellow of IEEE in 2005, and served as Vice President for Technical Activities and Vice President for Publications for the IEEE Nanotechnology Council. He has published more than 100 refereed journal papers and holds eight US patents.



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John Rogers, University of Illinois at Urbana-Champaign
Materials for Electronics That Can Stretch, Twist, Fold and Flex

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Younan Xia, Georgia Institute of Technology
Colloidal Metal Nanocrystals—Shape Control, Symmetry Breaking and Niche Applications

Plenary Session
Arun Majumdar, Google Inc.
A New Industrial Revolution for a Sustainable Energy Future

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