MRS Bulletin Volume Organizers guide technical theme topics for 2015

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The *MRS Bulletin* 2015 Volume Organizers, who will guide the development of theme topics for the 2015 volume year, are Ying-Hao (Eddie) Chu (National Chiao Tung University, Taiwan), Kalpana S. Katti (North Dakota State University, USA), Tommie Wilson Kelley (3M, USA), and W. Jud Ready (Georgia Institute of Technology, USA). Requests for instructions on submitting proposals for *MRS Bulletin* theme topics can be emailed to bulletin@mrs.org.

Ying-Hao (Eddie) Chu joined National Chiao Tung University in the Department of Materials Science and Engineering as an assistant professor in 2008; and in 2013, he started an adjunct position in the Institute of Physics, Academia Sinica. His research is highly focused on functional complex oxides and strongly correlated electron systems. He has extensive experience in the use of advanced characterization techniques to understand and manipulate functional oxide heterostructures, nanostructures, and interfaces. His recent emphasis has been on creating a pathway to use topological defects in condensed matter for next-generation electronic devices. Chu received his BS and PhD degrees in materials science and engineering from National Tsing-Hua University, then held postdoctoral positions at the University of California–Berkeley and Lawrence Berkeley National Laboratory. He has more than 160 articles published in refereed international journals.

Kalpana S. Katti is a University Distinguished Professor in the Department of Civil and Environmental Engineering at North Dakota State University (NDSU). She joined NDSU in 1997, after receiving a PhD degree in materials science and engineering from the University of Washington in 1996. Her primary area of research is in tissue engineering and biomimetics, where her group has developed novel nanoclay-based nanocomposites for biomedical applications. Another important contribution from her group has been the understanding that mineral proximity influences mechanical property of polymers, proteins, and biopolymers, which has a large impact on understanding mechanics of engineered nanocomposites as well as biological materials such as seashells and bone. For MRS, she chaired the Academic Affairs Committee and a subcommittee on University Chapters, and she currently serves on the New Publications Products Subcommittee of the MRS Publications Committee. She has published over 145 publications in journals, conference proceedings, and book chapters and patents.

Tommie Wilson Kelley is currently an Advanced Research Specialist in the Electronics and Energy Business Group Labs at 3M in St. Paul, Minn. With over 13 years of experience in early stage, materials-focused endeavors at 3M, her most recent assignments include research projects in Autonomous Infrastructure, multilayer film applications and II–VI semiconductor fabrication. She received a BS degree in physics from Tulane University and a PhD degree in materials science from the University of Minnesota. Kelley is an active member of MRS, and has participated in Public Outreach Committee activities such as the NOVA *Making Stuff* series and the Science Enthusiasts Task Force.

W. Jud Ready currently serves as an adjunct professor in the School of Materials Science and Engineering at the Georgia Institute of Technology (Georgia Tech), and a principal research engineer on the research faculty of Georgia Tech Research Institute (GTRI). He also serves as the lead liaison for Innovation Initiatives at the Georgia Tech Institute for Materials (IMat). Prior to his current roles at Georgia Tech, he worked for a major military contractor (General Dynamics) as well as in small business (MicroCoating Technologies). His research focuses primarily on energy, aerospace, nanomaterial applications, and electronics reliability. He received a PhD degree from Georgia Tech in 2000. He has published numerous refereed publications on electronic and nanoscale materials, and has several patents awarded in the United States, Europe, Australia, South Korea, and China.