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Conrad is a professor of physics at the Georgia Institute of Technology. He is an experimental physicist focused on surface and 2D condensed matter. His work spans numerous problems in 2D phase transition and is currently focused on graphene physics. Conrad is a founding member of the GT NSF MRSEC Center for New Electronic Materials, where he focuses on the structural and electronic properties of epitaxial

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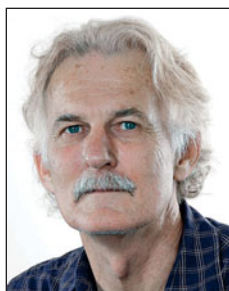


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De Heer received his PhD degree in physics from UC-Berkeley in 1985 and continued at Berkeley as a postdoctoral fellow before joining the EPFL in Lausanne, Switzerland. In 1996, he moved to Georgia Tech, where he is now a Regent's Professor of Physics. De Heer is a Fellow of the APS, recognized for his seminal work in metal clusters and nanotubes. In 2010, he received the MRS Medal Award for his pioneering work on epitaxial graphene.



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Dlubak completed his PhD degree at the University of Paris Sud in Orsay, France, on spin transport in epitaxial graphene on SiC in 2011 within the joint industrial/academic unit Unité Mixte de Physique CNRS/Thales. He is now a research associate at the Center for Advanced Photonics and Electronics at the University of Cambridge, UK, in Professor John Robertson's group. His research focuses on applications of

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Dong received his PhD degree in materials science and engineering, from Shanghai Institute of Ceramics, Chinese Academy of Sciences. He was a postdoctoral researcher with the University of California at Los Angeles, and Gwangju Institute of Science & Technology. He has been working in the fields of semiconductor materials, devices and physics. In 2010, he moved to the epitaxial graphene laboratory at the Georgia Institute of Technology. His current research

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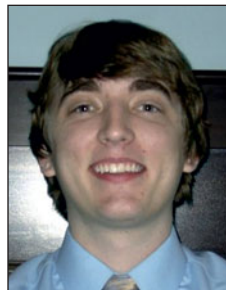
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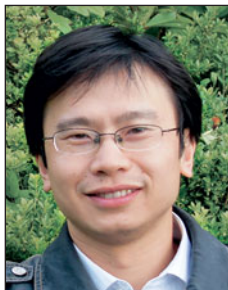
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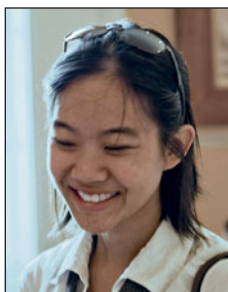
Hu received her BS degree in physics from Tsinghua University, Beijing, China in 2007, with her thesis focused on zinc oxide thin film growth and characterization. She is currently working toward her PhD degree at the School of Physics at the Georgia Institute of Technology. Her research interests include production and properties of epitaxial graphene grown on hexagonal silicon carbide and design and construction of novel graphene transistor structure.

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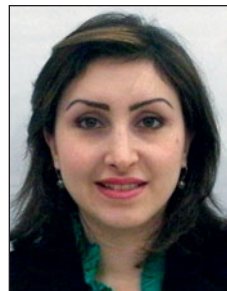
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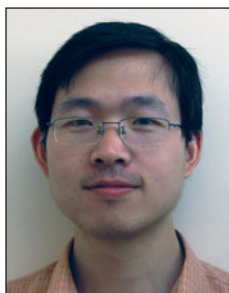
(Japan) and was promoted to associate professor. His current research is on supercritical fluids and nanomaterials.

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Lin is a laboratory fellow at Pacific Northwest National Laboratory (PNNL). He joined PNNL in 1997 after he finished his PhD degree at the University of Idaho. His research focuses on the development of new BioMEMS and nanobioelectronic devices for environmental sensing and disease diagnosis. His other research activities include synthesizing functional nanomaterials for biosensing and imaging, drug delivery, fuel cells, and water-treatment applications. He has

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McCarty is a staff scientist at Sandia National Laboratories in Livermore, CA. He received a BA degree in chemistry and a PhD degree in chemical engineering, both from Iowa State University. For the past decade, his primary interest has been studying dynamic processes on surfaces using low-energy electron microscopy (LEEM). Research areas include the stability of thin films, mechanisms of bulk-surface mass

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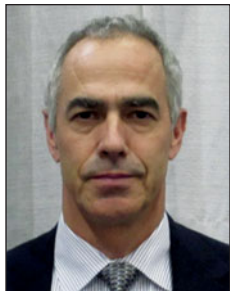
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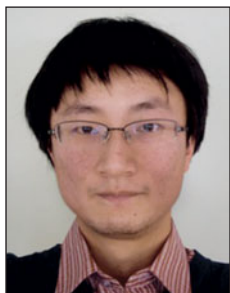
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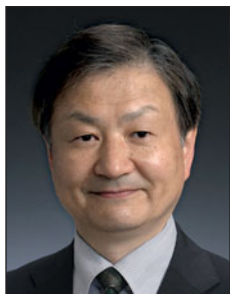


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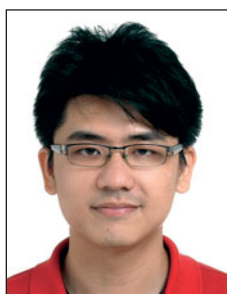


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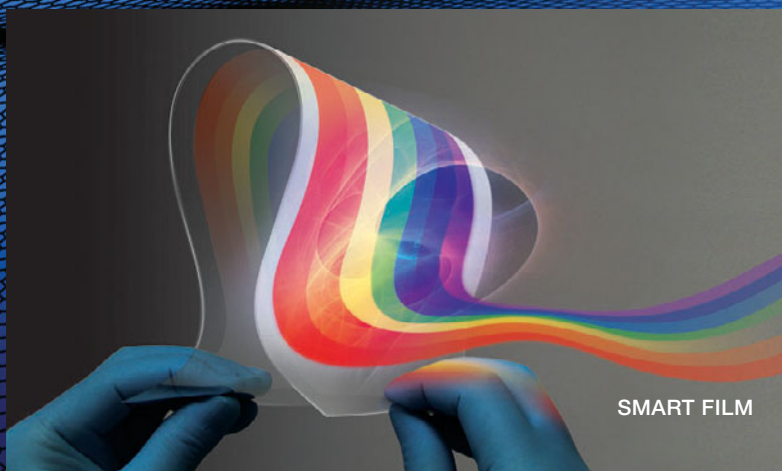
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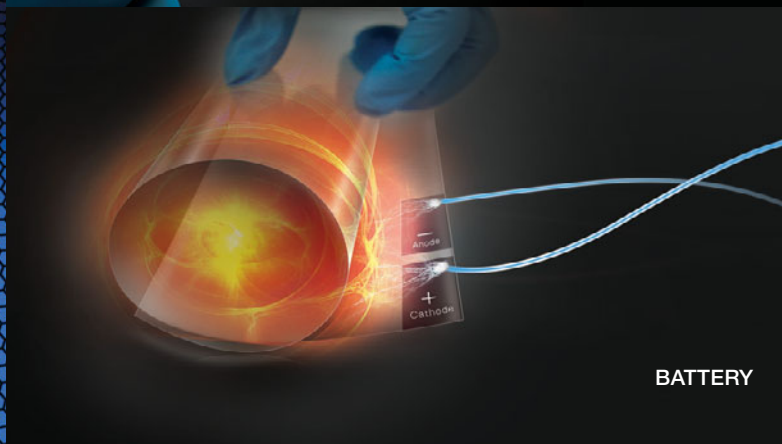
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