

2014 ACerS Ceramographic Exhibit - Best of Show Roland B. Snow Award
“Piecing Together the Ni₆W₆C and NiW Puzzle”
Christopher J. Marvel, Denise Yin, Patrick R. Cantwell, and Martin P. Harmer
Lehigh University

Transmission Electron Microscopy (TEM) and Scanning Transmission Electron Microscopy (STEM)

1st “Piecing Together the Ni₆W₆C and NiW Puzzle,” Christopher J. Marvel, Denise Yin, Patrick R. Cantwell, and Martin P. Harmer

Lehigh University

2nd “The Butterfly & the Eclipse,” Joice Miagava, Quentin Jacquet, Sanchita Dey, Jorgen Rufner, Douglas Gouvea, and Ricardo H.R. Castro
University of Sao Paulo, Brazil, and University of California, Davis

3rd “Nemo’s Home Among the Sea Anemones,” Jorgen F. Rufner, Sanchita Dey, Ricardo H.R. Castro, and Klaus van Benthem
University of California, Davis

Scanning Probe Microscopy (SPM)

1st “Micro-flower Garden on the Silver Ion Conducting Glass,” Sang Mo Yang, Evgheni Strelcov, M. Parans Paranthaman, and Sergei V. Kalinin
Oak Ridge National Laboratory

2nd “Sunset on a La_{5/8}Ca_{3/8}MnO₃ Surface, Impressionistic View,” Alexander Tselev and Rama K. Vasudevan
Oak Ridge National Laboratory

3rd “Ionic Phenomena in Single Point Ferroelectric Domain Switching,” Anton levlev and Sergei Kalinin
Oak Ridge National Laboratory

Scanning Electron Microscopy (SEM)

1st “Flowers on a Rock,” Kenta Ohtaki and Martha L. McCartney
University of California, Irvine

2nd “Direct Imaging of Short Circuit Current Changes in CdTe Solar Cells,” Jonathan Poplawsky
Oak Ridge National Laboratory

3rd “Ferroelastic NanoDomains,” Jon F. Ihlefeld and Bonnie B. McKenzie
Sandia National Laboratories