

2016 Roland B. Snow Award for “Best in Show” at BSD Ceramographic Exhibit

“Silicon Brains”

Ezra Feilden, Finn Giuliani, Luc Vandeperre, and Eduardo Saiz
Imperial College, London

Individual Category Winners:

Scanning Electron Microscopy:

1st Place: “Silicon Brains”

Ezra Feilden, Finn Giuliani, Luc Vandeperre, and Eduardo Saiz
Imperial College, London

2nd Place: “Vapor-deposited ZnO Neural Network”

Derek R. Miller
The Ohio State University, Columbus, OH

3rd Place: “Waves of the MXene Ocean and Castaway on the Boride Sea”

Sankalp Kota, Michael Ghidui, and Michel W. Barsoum
Drexel University, Philadelphia, PA

TEM and STEM:

1st Place: “Nitrogen Atoms Inside the Nitride”

Akihito Kumamoto, Eita Tochigi, Naoya Shibata, and Yuichi Ikuhara
The University of Tokyo, Tokyo, Japan

2nd Place: “I’m B₄C, Can You Find My Flaw?”

Christopher Marvel¹, Kristopher Behler², Scott Walck², Jerry LaSalvia², and Martin Harmer¹
¹Lehigh University; ²Army Research Laboratory

3rd Place: “A Window of Transformation”

Kevin P. Anderson, Mary Anne Lynch, Richard P. Vinci, and Helen M. Chan
Lehigh University, Bethlehem, PA

Microanalysis/Combined Techniques:

1st Place: “Effects of the Interlayer Incorporation of H₂O in Potassium Hexaniobate Followed by Dehydration”

Lynn Boatner, Shirley B. Waters, Tom Geer, and Joanne O. Ramey
Oak Ridge National Laboratory, Oak Ridge, TN

2nd Place: “Copper Power Lines”

M. Kracum, C. Marvel, M.P. Harmer, and H.M. Chan
Lehigh University, Bethlehem, PA

3rd Place: “Like Lanthanum on Spinel”

Sanchita Dey¹, Md Hasan¹, John Mardinly², and Ricardo H. R. Castro¹
¹University of California–Davis; ²Arizona State University