INVITED PRESENTATIONS (over 120)


7. “Interface engineering for tunable properties in epitaxial nanocomposite films,” University of Virginia, Charlottesville, VA, April 1, 2019.


33. “Polymer-assisted deposition: one simple process, a large number of electronic materials,” Summer Lecture Series, Laboratory’s National Security Education Center, Los Alamos National Laboratory, Los Alamos, NM, July 18, 2014.

34. “Electronic materials synthesized by a polymer-assisted deposition,” University of Illinois at Urbana Champaign, Urbana, IL, May 2, 2014.


42. “Chemical solution deposition of electronic materials,” Institute of Electrical Engineering, Chinese Academy of Sciences, Beijing, China, July 2, 2012.

43. “Effect of lattice strain on the physical properties of complex metal-oxide films,” Institute of Semiconductors, Chinese Academy of Sciences, Beijing, China, June 29, 2012.

44. “Synthesis and characterization of thin films by a chemical solution deposition,” Texas A&M University, College Station, TX, Feb. 9, 2012.


60. “Growth and application of ferroelectric thin films,” Tutorial Lecture at the 12th International Meeting on Ferroelectricity and 18th IEEE International Symposium on Applications of Ferroelectrics, Xi'an, China, Aug. 23, 2009.


62. “Polymer-assisted deposition: an alternative approach to epitaxial growth of metal-oxide films,” Department of Physics, The Ohio State University, Columbus, OH, Oct. 16, 2008.


64. “Epitaxial growth of simple and complex metal-oxide films by a polymer-assisted deposition,” Institute of Semiconductors, Chinese Academy of Science, Beijing, China, June 19, 2008.


67. “Self-assembled and vertically aligned nanocomposite films: their strain control and electrical properties,” Univ. of Electronic Sci. & Technol. of China, Chengdu, China, June 2, 2008.


69. “Polymer-assisted deposition of metal-oxide films,” 17th International Symposium on the Applications of Ferroelectrics (ISAF), Santa Fe, New Mexico, Feb. 24 - 27, 2008.


86. “Epitaxial growth of both simple and complex metal-oxide films by polymer-assisted deposition,” 107th ACerS Annual Meeting, Baltimore, Maryland, April 18 - 21, 2005.


114. “Ag-doping YBCO on the improvement of junction and SQUID performance,” Workshop of Flux, Quantum, and Mesoscopic Effects in Superconducting Materials and Devices, Santa Fe, New Mexico, Aug. 4 - 8, 1997.


117. “Material and processing development in the fabrication of edge-geometry SNS HTS junctions and DC SQUIDs,” Dept. of Physics, Peking University, Peking, China, Dec. 9, 1996.

118. “Development and fabrication of ramp edge-geometry SNS HTS Josephson junctions and DC SQUIDs,” Institute of Physics, Chinese Academy of Sciences, Peking, China, Dec. 9, 1996.


