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W.L. Warren received his BS and PhD degrees in engineering science from The Pennsylvania State University. He has been a senior member of the technical staff in the Electronic Ceramics Department at Sandia National Laboratories since 1990. He currently works on the electronic characteristics and defect properties in thin-film and bulk ceramics such as silicon dioxide, silicon nitride, buried oxides, phosphors, and ferroelectrics. He is the author of over 125 publications and is the editor of two conference proceedings. He is a recipient of the American Ceramic Society's Henry Award, the Frank Fenlon Award at Penn State, the Xerox Materials Research Award, and the 1995 Institute of Electrical and Electronics Engineers (IEEE) Nuclear Space and Radiation Effects Conference and Hardened Electronics and Radiation Technology Conference best paper awards. Warren can be reached at the Advanced Materials Laboratory, Sandia National Laboratories, 1001 University Boulevard, Albuquerque, NM 87185-1404, USA; phone 505-272-7628; e-mail wwarren@sandia.gov.

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and T. Baiatu (ABB Research) for their work on resistance degradation in titanates. Since 1992 Waser has held the chair for Materials Science in Electrical Engineering (IWE II) at the RWTH Aachen University of Technology. He is a member of the Materials Research Society, the American Ceramic Society, and national societies in Germany (VDE and Bunsengesellschaft für Physikalische Chemie). He has organized the Fourth International Conference on Electronic Ceramics. Waser has published over 80 technical papers on electronic ceramics. □

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