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Harry L. Tuller is Professor of Ceramics and Electronic Materials; Department of Materials Science and Engineering and Head of the Crystal Physics and Electroceramics Laboratory at the Massachusetts Institute of Technology, Cambridge, Massachusetts, USA.

He received B.S. and M.S. degrees in Electrical Engineering and Eng.Sc.D. in Solid State Science & Engineering from Columbia University, NY; served as Postdoctoral Research Associate; Physics, Technion, Israel 1974-5; following which he joined the faculty at MIT.

His research focuses on defects, diffusion, and the electrical, electrochemical and optical properties of metal oxides with applications to sensors, fuel cells, photoelectrochemistry, thin film oxides, microphotonics, and MEMS devices. He has published over 420 articles, co-edited 15 books and was awarded 29 patents. He is Editor-in-Chief of the Journal of Electroceramics and Series Editor of Electronic Materials: Science and Technology published by Springer and co-founder of Boston MicroSystems, a pioneer in silicon carbide-based MEMS technology and devices.

His honors include: fellow of the American Ceramic Society –ACERS- (1984); recipient of Fulbright (1989-1990), and von Humboldt Awards (Germany) (1997-2002); Docteur Honoris Causa, University Provence, Marseilles (2004); ACERS F.H. Norton Award (2005); elected to World Academy of Ceramics (2006); ACERS Edward Orton Jr. award (2007); The Joseph Meyerhoff Visiting Professor, Weizmann Institute of Science (2008); Honorable Guest Professor of Shizuoka University, Japan (2009-2014); Technics Doctor Honoris Causa, University of Oulu, Finland (2009); The John F. McMahon Award Lecture, Alfred University (2009); Outstanding Achievement Award - High Temperature Division, The Electrochemical Society (2010); Somiya Award for International Collaboration in Materials Research, International Union Materials Research Societies, Japan (2012); Helmholtz International Fellow Award (Germany) (2013); fellow of The Electrochemical Society (2014).