

Invited Speaker Biography



Stephen McKeever is currently the Vice President for Research and Technology Transfer at Oklahoma State University and a Regents Professor in the department of physics. He joined the OSU physics faculty in 1983 and attained the rank of associate professor in 1986 and Full professor in 1990. He was named a Noble Research Fellow in Optical Materials in 1987, served as head of the department from 1995-99, and Associate Dean for Research in the College of Arts & Sciences from 2000-03. Dr. McKeever was also named the MOST (More Oklahoma Science and Technology) Chair of Experimental Physics in 1999. His research involves thermoluminescence and optically stimulated luminescence to determine the radiation histories and properties of materials. Current special interests include space radiation dosimetry (with experiments aboard Shuttle, Soyuz, and ISS) to monitor radiation doses to astronauts on long-duration space flights, such as a manned mission to Mars. Other interests include the development of luminescence techniques for environmental, medical and personal radiation dosimetry. He has authored or co-authored over 180 scientific publications, and 5 books. He is a Risø National Laboratory Fellow, a Fellow of the Institute of Physics, a Fellow of the American Physical Society and a Member of the Health Physics Society. He has served on several scientific committees of the National Council on Radiation Protection and Measurements (NCRP), and has also served co-editor-in-chief of the journal *Radiation Measurements*.