

Title: Unusual thermoluminescence behaviour for rare earth doped phosphors and its possible dosimetric applications

Professor Nurdogan Can

Prof. Nurdogan Can studied physics and obtained his Ph.D. degree on luminescence properties of rare earth implanted insulators at Sussex University, UK via a scholarship from Higher Education Council of Turkey. He was student of a world-famous researcher, Prof. P. D. Townsend, in the field with whom he carried out very interesting research and published the results of his research in journals with high reputation. After returned to Turkey, he worked at Celal Bayar University (CBU)-Turkey for 20 years and contributed to the establishment of the Physics Department. He served to the university by many administrative duties. He was the chairman of the Physics Department of between the years 2000 and 2012.

His current research is focused on inorganic phosphors for white LEDs, displays and persistent luminescence materials and thermoluminescence dosimetry. He has published about 200 papers appeared in journals with high reputation in the field. In addition, he contributed international and national conferences and encouraged his students to do so. He supervised 7 Ph.D. and 25 M.Sc theses during his working period in CBU. Some of his students are now working as academicians in several universities. He directed or participated as a researcher many international/national projects funded by several bodies.