



Mustafa Çetintaş

Assoc. Prof. Dr. Mustafa Çetintaş received his master's degree from Kocaeli University, Department of Physics in 1998 with the thesis entitled "Two Photon Absorption Spectroscopy in Rubidium Atoms" and his doctorate degree from Gebze Institute of Technology, Department of Physics in 2003 with the thesis entitled "Nonlinear Laser Spectroscopy in Rubidium Atoms and it's Metrological Applications".

He started working as a researcher at TÜBİTAK UME in 1993 and later served as Group Coordinator, Deputy Director of the Institute, and since 2014 as the Director of the Institute. He actively participated in the studies in the Time-Frequency, Wavelength Standards and Electromagnetic Compatibility fields within the Electromagnetics Group Laboratories. His scientific research interests include establishing microwave atomic time and frequency standards, Doppler-free laser spectroscopy in atomic gases, metrological applications of lasers, magneto-optical effects in two-photon transitions, far-field electromagnetic wave field intensity measurements with double radio-optical resonance based on laser-atom-microwave resonance interaction, and far-field microwave phase determination using electromagnetic induced transparency (EIT) resonance. He has actively worked on EMC testing and calibration services by establishing both measurement rooms and measurement systems that cover military and civilian standards. He has many national and international conference papers and scientific publications.

He has been a member of the Advisory Board of the TSE (Turkish Standards Institution) and TÜRKAK (Turkish Accreditation Agency) on behalf of TÜBİTAK since 2012. Also, he was the chairman of the Metrology Council of the SMIIC (The Standards and Metrology Institute for Islamic Countries) for last 10 years. He is a member of the Strategic Council of KazStandard (Kazakhstan Institute of Standardization and Metrology) and also the vice president of COOMET (Euro-Asian Cooperation of National Metrological Institutions).