

# Ultrashort Pulse Characterization

Selcuk Akturk  
Athens, Greece

Selcuk Akturk received his Ph.D. in physics from Georgia Institute of Technology (Atlanta, Ga) in 2005, under the supervision of Prof. Rick Trebino; and his BS in Physics from Bilkent University (Ankara, Turkey) in 2001. At Georgia Tech, his dissertation included pioneering work on spatio-temporal couplings in ultrashort laser pulses, including their theoretical description, as well as experimental characterization. From 2006 to 2009, he worked as Postdoctoral researcher at Laboratoire d'Optique Appliquée, ENSTA – Ecole Polytechnique in Palaiseau. At LOA, he worked on extreme nonlinear-optical events and plasma physics, as well as single-cycle pulse generation and characterization. In 2009, he joined the Engineering Physics Department at Istanbul Technical University, and received tenure in 2011. His research at ITU included ultrafast material processing, laser art conservation and ultrafast biomedicine. His work was recognized by numerous awards from institutions including ICO-ICTP, Turkish Academy of Sciences and Georgia Tech. He was the national node for the UNESCO Year of Light in 2015. He currently resides in Athens, Greece.