

Short Course 1: Ultrashort Pulse Characterization

Günter Steinmeyer, Max-Born-Institut, Berlin, Germany

Short biography:

Günter Steinmeyer received the diploma and the Ph.D. degree from Hannover University in 1991 and 1995, respectively. In 1995, he joined the Research Laboratory of Electronics at the Massachusetts Institute of Technology (MIT), Cambridge, MA, where he worked on ultrafast spectroscopy and photonic bandgap structures. In 1998 he moved to the Swiss Federal Institute of Technology (ETH Zürich) to work on few-cycle pulse generation, pulse characterization, and chirped mirror design. He received the Venia Legendi (Habilitation) from ETH in 2002. In July 2002, he moved to the Max-Born-Institute, Berlin, Germany, where he continued to work on pulse characterization methods. He invented the interferometric FROG technique for pulse characterization and the feed-forward method for carrier envelope-phase stabilization. From 2008 to 2013, he was awarded a Finland distinguished professorship in Tampere, Finland.

Dr. Steinmeyer is a Fellow of the Optical Society of America (OSA) and of the Union of Radio Scientists International (URSI). He is a Senior Member of IEEE. He currently serves on the Editorial Board of Optics Letters and of Physical Review A. He authored or coauthored more than 160 articles in peer-reviewed journals and numerous conference proceedings.