

Biography:

Dr. Isabell Thomann is an assistant professor in the Department of Electrical and Computer Engineering at Rice University. She received her PhD in Physics at JILA, University of Colorado at Boulder, working with Margaret Murnane and Henry Kapteyn on topics in ultrafast laser physics, high-harmonic generation and photoelectron spectroscopy. She then moved to Stanford, where she was a postdoctoral fellow in Mark Brongersma's lab in Materials Science, and then a visiting assistant professor. There, she worked with chemical engineers, materials scientists, electrical engineers, chemists and applied physicists, investigating novel photoelectrode structures based on metallic (plasmonic) and dielectric nanostructures to enhance photoelectrochemical processes for energy applications.