

Brief Biography - Robin Woracek

Instrument Scientist
European Spallation Source ERIC
PO Box 176, SE-221 00 Lund, Sweden
Mobile: +46 (0) 721 79 23 26
E-mail: robin.woracek@ess.eu



Profile: Applied physicist with a background in mechanical engineering

Robin is the Instrument Class Coordinator for Imaging and Engineering at the European Spallation Source and has key interest in enabling a broad range of researchers from academia and industry to benefit from the unique capabilities at large-scale facilities and to create a positive societal impact. While and after obtaining his degree in Mechanical Engineering (Dipl.Ing.) in Germany, he worked for an automotive company and has experienced the broad range of materials and processes that need to be monitored and improved to enable innovation.

In 2006, Robin received a Fulbright scholarship and worked on his MS degree at the University of Tennessee, Knoxville in collaboration with General Motors on the characterization of lost foam casting processes of aluminum engine blocks. From 2009, he continued his PhD research at the University of Tennessee in close collaboration with the Helmholtz Zentrum Berlin (Germany) and Oak Ridge National Laboratory (USA) and succeeded in establishing diffraction based contrast mechanisms in neutron imaging for the study of crystalline materials.

Robin joined the European Spallation Source in 2015, where he was responsible for the operation of a dedicated neutron testbeamline in Berlin until 2019, and with hands-on experience at all major neutron facilities for >10 years, he recently relocated to Sweden.