

Dr. Mohamad Abo Ras studied at University of Applied Sciences (TFH) in Berlin, Germany. He received his Diploma and master's degrees in applied Physics / Medical Engineering in 2007 and 2008. During and after his studies he worked in the thermal electrical testing lab (TET-Lab) at Fraunhofer IZM in the field of thermal characterization of material and components as well as failure analysis. Since 2008 he is working for the Berliner Nanotest and Design GmbH. Main focuses of his research work are development and appliance of test equipment for material characterization, non-destructive methods for failure analysis. For this work he received his Ph.D. from the TU Chemnitz in 2020. From 2010 to 2016 he took on the position of the Chief Technical Officer (CTO). Since 2017 he is the Chief Executive Officer (CEO) of Berliner Nanotest and Design GmbH. Dr. Abo Ras is an author or co-author of over 90 publications in international conferences.