

Alexander Maltsev graduated Tomsk State University in Russia at 1997 in mechanical engineering.

1999-2003 he worked on his PhD thesis at Darmstadt University of Technology in Germany. His research area focused on the model development and numerical simulation of the gas turbine combustion processes with computational fluid dynamics (CFD). He has finally gained doctoral degree (German: Doktoringenieur).

2004-2013 he worked as project engineer at companies: Sofbid GmbH, STEAG KETEK IT GmbH, Evoniik Energy Services GmbH, STEAG Energy Services GmbH (Germany). His work included the development, installation, commissioning and supervision of the Online Monitoring System SR::EPOS on conventional power plants in Germany and worldwide.

Since 2014 he has been working as a member of the software development team of the thermodynamic cycle calculation package EBSILON®*Professional* at STEAG Energy Services GmbH (Germany). He is primarily responsible for the development and extension of the transient components including those of the conventional power plants as well as renewable and storage components.