



Tatiana Gorelik earned her Master of Science in Chemistry in 1996 from Novosibirsk State University, Russia, and completed her PhD in 2002 at Jena University, both with a focus on transmission electron microscopy of diverse materials systems.

Throughout her career, Tatiana has maintained a dedicated focus on electron crystallography. During her time in Mainz, she played a pivotal role in the development of the Automated Diffraction Tomography (ADT) method, marking a significant milestone in 3D electron diffraction techniques. She has also been a trailblazer in the field of ab-initio structure analysis of organic materials using 3D electron diffraction data. Presently, her research is centered on the structural analysis of new drugs using advanced electron diffraction techniques.

Tatiana's research focus on electron crystallography has remained stable during her career. During her time in Mainz she joined the group developing the Automated Diffraction Tomography (ADT) method, which was the first 3D ED technique. She played a pioneering role in conducting ab-initio structural analysis of organic materials from 3D electron diffraction data. Currently she is working with structure analysis of new drugs with electron diffraction techniques.

Finally, Tatiana is an active member of the European crystallographic community, where she organizes international schools and workshops on electron crystallography throughout Europe.