

Friedrich Grone is employed by the Danish Institute of Fire and Security Technology (DBI).

Friedrich Grone joined DBI in 2017 as a fire investigator. Once educated in law and chemistry at the University of Vienna and having worked in the chemical laboratory of the Austrian Federal Environment Agency, he came directly from a position at the Austrian Police / National Forensic Science Center where he worked for 19 years with forensics and specialized in the field of fire and explosion investigation.

Friedrich has participated in more than 1000 fire investigations in Austria, Denmark, Sweden and Norway, has participated as a witness and expert witness in criminal and civil court cases and has given lectures in fire- and explosion investigation to police officers and fire investigators in the private sector.

Friedrich is a member of national and international associations and working groups such as UK-AFI, Nordic AFI, E-AFI, IAAI and ENFSI and has been contributing to the development of the European Fire Investigation Guidelines (ENFSI).

In addition to casework, Friedrich's employment at DBI gives him the opportunity to work with his more than 350 colleagues from 28 countries on research related to fire investigation. Key areas of research in recent years and ongoing, partly also in collaboration with universities, law enforcement authorities and private stakeholders in projects funded by the European Union are for example ageing of (sustainable) materials and changes in fire properties, validation of fire and smoke propagation simulations, electronic evidence (CCTV, IOT, ...) and tactical investigations as a tool, new documentation tools (3D, LIDAR, VR, ...) and last but not least Improvement of Fire Statistics in the countries of the European Union.