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Georg W. Mair has a PhD degree from the Technical University of Berlin (TUB) on aeronautical light-weight constructions. In the last thirty years he has focused his research studies on safety of gas storage and relevant probabilistic risk assessments. Since 1996 he has been working for BAM Bundesanstalt für Materialforschung und -prüfung. There, he is responsible for the division that executes the duties, for which BAM is competent authority for international gas transport.

Since 1997 he has been an advisor of the Federal Ministry for Transport and a permanent member of the German delegation at United Nations for the transport of dangerous goods. In 2004 he became a member of the national advisory council on gas-powered vehicles for the ministry of transport. He is engaged in the GTR discussions on hydrogen vehicles since 2005. This also implements participation in relevant standardisation of CEN and ISO.

His research on safety of gas storage has been funded within a lot of national and European projects from FP6 to H2020 (FCH JU). He is member of the European Hydrogen Safety Panel EHSP since its beginning in 2018 and is deputy head of the competence centre “H₂Safety@BAM”.

He is the author of two books and has published more than 100 papers in the fields of testing, approval requirements and risk assessment of composite pressure vessels with special focus on the storage of hydrogen as an energy carrier. The web page [BAM - Division 3.5 - Safety of Gas Storage Systems](#) contains an updated list of publications.