

# Thomas JORDAN

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Thomas JORDAN is senior scientist formerly working in the multi-physics domain at Forschungszentrum Karlsruhe, now Karlsruhe Institute of Technology KIT, since 1989. There he is heading the Hydrogen Group of the Institute for Thermal Energy Technology and Safety ITES.

In 1994 he received his doctoral degree in mechanical engineering from University Karlsruhe. In 2001 he founded a spin-off for data mining in the semiconductor industries and returned to KIT to coordinate the EC Network of Excellence for Hydrogen Safety HySafe in 2003. He was co-founder and had several positions in the executive board of the International Association for Hydrogen Safety HySafe. He is representing Germany in the IEA Hydrogen Safety Task and consulting the Japanese Atomic Energy Agency in establishing a national hydrogen safety expertise. He is member of the German Mirror Committee of ISO TC 197, of the FCH JU Regulations Codes and Standards Strategy Coordination Group and since 2017 appointed member of the European Hydrogen Safety Panel.

In the last 10 years he published more than 30 research papers and edited two books on hydrogen safety. Besides he is teaching “Hydrogen Technologies” and “Hydrogen Safety” at KIT, also as visiting professor at University of Ulster and Instituto Tecnico Buenos Aires ITBA. From 2018 to 2021 he was coordinating the FCH JU project PRESLHY for pre-normative research for the safe use of liquid hydrogen, the results of which are now used for updating of the ISO TR 15916 report.