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Andreas Echtermeyer is Professor for composites and polymers in the Department of Mechanical and Industrial Engineering at the Norwegian University of Science and Technology (NTNU) Trondheim. He joined the university full time in 2008 after having been an adjunct professor since 2003. Previously he worked for Det Norske Veritas (DNV) as senior principal engineer in the section “Structural Integrity and Laboratories” and was responsible for composites and polymers in offshore applications. He continues to be a consultant for DNV. He received his PhD in Materials Engineering from the Massachusetts Institute of Technology and his Diploma in Physics from the Technical University of Munich.

Scientific research areas are in the field of composite materials and polymers (among others): mechanical short- and long-term properties, interaction of materials and fluids, recyclable materials, material modeling, multiscale modeling and structural design, composite to metal and multi-material interfaces, buoyancy materials, fabrication methods, monitoring methods, quality assurance. Application areas are marine and offshore, gas transport and storage, hydrogen, energy, wind energy.

He has 18 years of industry experience with composite applications. He is author or co-author of more than 200 articles and more than 200 technical reports. He was the main contributor and responsible for the development of several DNV design standards. He has been project manager or responsible of many national and international research projects as well as industrial development projects.