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Helge Pfeiffer received his M.Sc degree in physics from the University of Leipzig (Germany) and his Ph.D. degree in natural sciences/chemistry at the KU Leuven (University of Leuven, Belgium). At the moment, he is senior researcher and industrial research manager in the department of materials engineering at the KU Leuven.

His research interests include the physics for non-destructive testing in diverse engineering structures, including percolation sensing and ultrasonic techniques, but he also has contributed to the fields of molecular acoustics, biophysics, thermodynamics, and the related study of hydration phenomena.

He has managed and/or participated in diverse European projects related to non-destructive testing and maintenance of aircraft, such as the projects "Aircraft Integrated Structural Health Assessment I and II" the recent ITN NDTonAir project. Moreover, he is General Secretary of the European Aeronautics Science Network (EASN) and member in diverse working groups of the Advisory Council for Aeronautics Research and Innovation in Europe (ACARE).