

Press release

The American Concrete Institute (ACI) formally announced at the Opening Session and Awards Program of the Spring Convention in Kansas City on April 12, 2015 that Prof. Dr.-Ing. Karl-Heinz Reineck has been elected an Honorary Member of ACI in recognition of his contribution to the work of ACI. The honor was bestowed specifically

“for his lifelong contributions to teaching and to the science of concrete technology, particularly in advancing theory and improving current practice in the area of concrete shear and torsion”.

Karl-Heinz Reineck is only the fourth German to receive this high honor, after Ulrich Finsterwalder in 1964, Hubert Rüschi in 1968 and Jörg Schlaich in 1988.

Karl-Heinz Reineck is retired Academic Director of ILEK (Institute for Lightweight Structures Conceptual and Structural Design), University of Stuttgart, Germany as well as Associate Professor of the University of Sarajevo, Bosnia Hercegovina since 2003. He has been involved in teaching and research since more than 45 years. Karl-Heinz Reineck is a member of ACI Committee 357 and of ACI-ASCI Committee 445 “Shear and Torsion”, and was for many years chair of Subcommittee 445-A “Strut-and-tie Models”. He also is the chairman of the international subcommittee “ACI-DAfStb Shear Databases”. Karl-Heinz Reineck is a member of the German Code Committee (DIN) for Structural Concrete and for several years was involved in various Task Groups in CEB and *fib*.

His research interests include experimental as well as theoretical research on the shear design of structural concrete, the structural behavior of concrete shells for offshore platforms and tanks, structural concrete design with strut-and-tie models, and the behavior of ultra-high-performance concrete UHPFRC. He supervised several Dr.-theses in these fields. He has extensive teaching experience in the design of structural concrete and has given lectures and courses on shear design and strut-and-tie models at universities and symposia all over Europe and in USA, Australia and Brazil. He has authored many technical publications and served as editor of CEB Bulletin 237 and of four collections of examples for the application of strut-and-tie models for the design of structural concrete in ACI SP 208 and SP 273 and *fib* Bulletins 16 and 61.

His practical experience covers expertise on damages and design checks of bridges, buildings, silos and concrete offshore platforms, as well as the design of two large hot-water tanks out of prestressed concrete for the storage of solar heat.

Reineck received the degree Diplom-Ingenieur of Civil Engineering from the University of Stuttgart in 1968, and his Dr.-Ing. in 1990. From 1970 until 1974 he was an assistant of Professor Fritz Leonhardt at the Institute of Concrete Structures and managing director of the institutes "Structural Design" of Professor Jörg Schlaich (until 2001) and "Institute for Lightweight Structures Conceptual and Structural Design" (ILEK) of Professor Werner Sobek (until 2007).