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Rüdiger Dillmann received his Ph. D. from *University of Karlsruhe* in 1980.

Since 1987 he has been Professor of the Department of Computer Science and is Director of the *Research Lab Humanoids and Intelligence Systems* at *KIT*. 2002 he became director of an innovation lab at the *Research Center for Information Science (FZI)*, Karlsruhe. Since 2009 he is spokesman of the *Institute of Anthropomatics* at the *Karlsruhe Institute of Technology* and founder of the *KIT– Focus Anthropomatics and Robotics*. His research interest is in the areas of humanoid robotics with special emphasis on intelligent, autonomous and interactive robot behavior based on machine learning methods and programming by demonstration (PbD). Other research interests include machine vision for mobile systems, man-machine interaction, computer supported intervention in surgery and related simulation techniques. He is author/co-author of more than 700 scientific publications, conference papers, several books and book contributions. He was Coordinator of the *German Collaborative Research Center "Humanoid Robots"*, SFB 588 and several European IPs. He is Editor-in-Chief of the journal "*Robotics and Autonomous Systems*", Elsevier, and Editor in Chief of the book series *COSMOS*, Springer. He is *IEEE* Fellow.