

_Professional Profile

Prof. Dr.-Ing. habil. Dieter W. Liepsch

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Prof. Dr. Dieter Liepsch is chairman of the organizing committee of the Fifth World Congress of Biomechanics. Previously, Prof. Liepsch organized the First, Second and Third International Symposiums on Biofluid Mechanics, held in California, USA and Germany.

His research focuses on biofluid mechanics, using sophisticated measuring techniques to determine disease genesis in the human body. His work is focussed on understanding the ways in which heart and brain disorders arise through blood flow processes. His team, in partnership with the DLR are also developing an implantable artificial heart.

Prof. Liepsch is on the faculty of Engineering at the Munich University of Applied Sciences where he has been teaching fluid mechanics, hospital design and technology for the last 25 years. He also has laboratories at the Technical University of Munich in the Dept. of Mechanical Engineering, Division of Fluid Mechanics. He is the recipient of grants from the German Scientific Agency (DFG) totaling more than 10 million Euros over the past 20 years.

Prof. Liepsch is reknown for working in international cooperation with investigators from Worcester Polytechnic Institute; The Wellington School of Medicine; the University of Bologna; the Technical University of Warsaw, and the Indian Institutes of Technology at Roorkee and Madras. He has also hosted several Humboldt prize winners.