

# 第2回CIRP JAPAN WEB講演会

●日時 :2021年6月15日(火)17時00分-19時30分

●開催方法 :ZOOM(WEB講演会)

## ●スケジュール

17:00~17:05 一般社団法人 CIRP JAPAN 代表理事挨拶

17:05~18:00 Professor Berend Denkena  
(Wilhelm Leibniz University Hannover)

講演題目: Advancing Manufacturing Process and Quality Control

18:00~18:05 休憩(5分)

18:05~19:00 Professor Michael Zwicky Hauschild  
(Technical University of Denmark)

講演題目: Sustainability in manufacturing - relative and absolute perspectives

19:00~19:03 CIRP の紹介と活用について

19:03~19:30 歓談

**Personal** Prof. Dr.-Ing. Berend Denkena  
**Information** E-Mail: [denkena@ifw.uni-hannover.de](mailto:denkena@ifw.uni-hannover.de)

Prof. Dr.-Ing. Berend Denkena is Head of the Institute of Production Engineering and Machine Tools at Leibniz University Hannover. After obtaining doctorate at the Faculty of Mechanical Engineering at University of Hannover in 1992, he worked as design engineer and head of various research groups for Thyssen Production Systems in



both Germany and the United States. From 1996 to 2001 he was Head of Engineering and Turning Machine Development at Gildemeister Drehmaschinen in Bielefeld. In 2001, he was appointed full professor of Production Engineering and Machine Tools and director of the Institute of Production Engineering and Machine Tools at Leibniz University Hannover. Denkena is CIRP, acatech and WGP Fellow and member of several supervisory boards. His primary areas of research are geometry and functionalizing manufacturing processes, machine tools for cutting and grinding, production planning and control, and simulation of manufacturing processes.

**Personal  
Information**

Professor Michael Zwicky Hauschild  
E-Mail: [mzha@dtu.dk](mailto:mzha@dtu.dk)

Michael Z. Hauschild is professor in quantitative assessment of sustainability at the Technical University of Denmark (DTU) and has worked on the development of methods for sustainability assessment of products and technologies for more than 25 years. He has an extensive experience in the development of metrics and indicators for sustainability, and served as chair on consecutive working groups under UNEP-SETAC Life Cycle Initiative developing the recommended scientific consensus model USEtox ([www.usetox.org](http://www.usetox.org)) for assessment of chemical impacts on health and environment. He has acted as a consultant to the European Commission, creating the groundwork for the ILCD Methodology, which is the Commission's standard methodology for life cycle assessment of products and systems and in 2018 he received the SETAC Europe Edana Award for lifetime achievement in Life Cycle Assessment. He has authored or co-authored more than 230 peer reviewed scientific publications and a [leading textbook on Life Cycle Assessment](#), and at DTU he leads the [Quantitative Sustainability Assessment research group](#) (30 researchers) in the Department of Technology, Management and Economics.

