

Curriculum Vitae

Prof. Dr.-Ing. Christine Minke MBA



Research Topics

- Circular Economy Systems
- Process Engineering
- Power-to-x technologies with special focus on green hydrogen
- Batteries with special focus on redox-flow and metal-air systems
- Environmental life cycle assessment (LCA), life cycle costing & circularity

Current Position

Since 03/2022 **Assistant Professor (Tenure Track) Circular Economy Systems**
Institute of Mineral and Waste Processing, Recycling and Circular Economy
Systems, TU Clausthal, Germany



Academic Background

04/2020–02/2022 **Head of Group Life Cycle Engineering**
Institute of Electric Power Systems, Leibniz Universität Hannover, Germany



04/2015–02/2022 **Adjunct Lecturer**
TU Clausthal, Bremen University & Hannover University, Germany



09/2019–02/2020 **Head of Group Life Cycle Management**
Fraunhofer IST/Fraunhofer Project Center ZESS, Braunschweig, Germany



11/2016–08/2019 **Postdoc, Group Leader Energy Conversion and Storage**
Research Center Energy Storage Technologies, TU Clausthal, Germany



05/2016 **PhD** (Dr.-Ing., summa cum laude), TU Clausthal, Germany



08/2011–10/2016 **Research Assistant**
Institute of Chemical and Electrochemical Process Engineering, TU Clausthal
& Energie-Forschungszentrum Niedersachsen, Goslar, Germany



07/2011 **Master of Business Administration (MBA)**, Collège des Ingénieurs, Paris, France



10/2010–06/2011 **MBA mission: Project Manager Technology**
Implementation of Corporate Sustainability Management, Ammann Group, Switzerland



04/2010 **Diploma in Process Engineering**, TU Clausthal, Germany



Awards and Achievements

Since 2022	Member of the Executive Board of Clausthal Research Center for Environmental Technologies CUTE
Since 2020	Project Manager Working Group Circularity & LCA in the Joint Interest Group on Life Cycle Assessment of SETAC North America and the American Center for Life Cycle Assessment (ACLCA)
2020–2022	Caroline Herschel Fellowship for young scientists, Leibniz Universität Hannover
Since 2018	Founding member and Board member of Junge BWG, Association of Young Scientists in Lower Saxony
Since 2018	Member of Expert Committee on Energy Storage Technologies of the Association of German Engineers (VDI Fachausschuss Energiespeicher)
2017–2019	Member of the Advisory Board of the Research Center Energy Storage Technologies at TU Clausthal
2017	Award of Excellence, TU Clausthal Alumni Association
2012–2015	German Academic Scholarship Foundation Doctoral Fellow (Studienstiftung des deutschen Volkes)
2010–2011	Scholarship MBA young professionals program, Collège des Ingénieurs, Paris, France
2004–2009	German Academic Scholarship Foundation Fellow (Studienstiftung des deutschen Volkes)