

## **Univ.-Prof. Dr.-Ing. Janina Fels**

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### **Short Curriculum Vitae**

Janina Fels is a full professor and director of the "Chair and Institute for Hearing Technology and Acoustics" at RWTH Aachen University, Germany, since November 2020. From October 2012 to November 2020, she was Professor for Medical Acoustics at RWTH Aachen University, Germany. She studied electrical engineering (diploma 2002) at RWTH Aachen University, Germany, where she received her PhD from the Institute of Technical Acoustics (PhD 2008). In 2009, she was a post-doc at the "Center for Applied Hearing Research (CAHR)" at the Technical University of Denmark (DTU) and Widex, Denmark. From December 2012 to October 2015, she was a visiting scientist at the Institute of Neuroscience and Medicine, Structural and Functional Organization of the Brain (INM-1) at Forschungszentrum Jülich, Germany.

In March 2013, she was awarded the Lothar Cremer Prize by the German Acoustics Society for her innovative and pioneering work in the field of binaural technology and medical acoustics. In January 2014, she was appointed to the Young College of the North Rhine-Westphalian Academy of Sciences and Arts. In March 2020, she was elected as a Review Board Member for Acoustics (Review Board Mechanics and Constructive Mechanical Engineering) in the Review Board Election of the German Research Foundation (DFG).

She was General Co-Chair of the DAGA 2016 conference (Annual Conference on Acoustics in Germany) and Vice-Chair of the International Congress on Acoustics, ICA 2019, in Aachen, Germany.

Her research interests include expanding interdisciplinary research in the field of perception and processing of sound in complex acoustic environments for various listener groups. She studies perception and communication in complex acoustic scenarios, for example, noise exposure in classrooms or open-plan offices. She develops methods that allow listening experiments in artificially created complex acoustic scenes to be as lifelike as possible, using advanced technical systems.