

Dr.

Matthias Ludwig



„ I was always interested in **applicable science** and later had to organize multinational engineering teams for optimal **structure and output**. Working with 3DSE, I hope to **contribute to the R&D consulting goal** of the company with my experience. “

Dr. Matthias Ludwig is a veteran, counting more than four decades of experience in the electronics research and industry, spanning various segments including semiconductor components, manufacturing and customer support with senior roles in Germany, USA and in Asia. He lives in Munich, Germany, is married and has one son.

After receiving his PhD in experimental physics at Humboldt University of Berlin, he worked as a research associate at Humboldt University of Berlin, Gesamt-Hochschule Duisburg, and Technical University of Munich, and was appointed as a visiting professor at the University of Florida, where he studied silicon nanostructures. He decided to leave academia in 1998 to become Area Manager at Rohde und Schwarz International. In so doing, he facilitated and advised customers of audio and high frequency measuring devices in both Japan and Hong Kong.

He joined Infineon Technologies as a Director in 2001. In this role he went to Hong Kong and built several teams in Asia for customer support of cell phone hardware and software in Hong Kong, Shanghai, Beijing, Seoul and Singapore. In 2007, he became Managing Director of Infineon Korea and later President of Infineon Malaysia, the world's largest production site for Infineon chips, including over 7000 employees at the time.

This was followed by a stint as Managing Director for Intel Mobile, first in Singapore and later on in Bangalore, where he led a team of over a thousand engineers developing software for mobile communications. Eventually, Dr. Ludwig moved to Intel Germany, so as to support the company's engagement with startups and universities. His career was completed at Apple Mobile.

As a result of his professional activities, Dr. Matthias Ludwig published over 70 scientific publications and applied for 5 patents. Furthermore, he was listed in the publications "Who is Who in Science & Engineering" and "American Men and Women of Science".

Since 2017, Dr. Matthias Ludwig is a member of the 3DSE Advisory Board and supports the consulting company with his excellent knowledge of the industry and his international network of the semiconductor and electronics sector.