Prof. Matthias Wuttig currently holds the Chair of Physics of Novel Materials at RWTH Aachen University in Germany. After his PhD he spent time in Marseille, Tsukuba, Berkeley, Murray Hill (Bell Labs) and the Research Center Jülich, before he moved to RWTH Aachen University in 1997. There he was speaker of the Strategy Council advising the University Rectorate, Dean of the Faculty of Mathematics, Informatics and Natural Sciences and has been the speaker of the Collaborative Research Center Nanoswitches since 2011. In the last ten years, he has also spent time at IBM’s Almaden Research Center (San Jose), Lawrence Berkeley Laboratory, Stanford University, CINaM (Marseilles) as well as the Shanghai Institute of Microsystem and Information Technology (Chinese Academy of Sciences).

Developing novel materials is the goal of Matthias Wuttig's work. In doing so, he relies on an unconventional approach, the development of 'treasure maps' to identify promising materials. This has enabled the identification of fundamental relationships between relevant material properties and the underlying chemical bonding mechanism. He is particularly interested in the design of materials for photonic applications, data storage and energy conversion.

He has received various scientific awards and funding for his work, such as an Einstein Professorship of CSC and an ERC Advanced Grant. He is an elected fellow of the Materials Research Society and has published more than 400 papers (with about 27.000 citations (Web of Science)).