

Biography

Gitta Kutyniok completed her Diploma in Mathematics and Computer Science in 1996 at the Universität Paderborn in Germany. She was then employed as a Scientific Assistant and in 2000 received her Ph.D. degree in the area of time-frequency analysis from the same university. In 2001, she spent one term as a Visiting Assistant Professor at the Georgia Institute of Technology. After having returned to Germany, she accepted a position as a Scientific Assistant at the Justus-Liebig-Universität Giessen. In 2004, she was awarded a Research Fellowship by the DFG-German Research Foundation, with which she spent one year at Washington University in St. Louis and at the Georgia Institute of Technology. She then returned to Germany, completed her Habilitation in Mathematics in 2006 and received her *venia legendi*. In 2007 and 2008, being awarded one of the highly competitive “Heisenberg Fellowships” by the DFG-German Research Foundation, she spent half a year at each, Princeton University, Stanford University, and Yale University. After returning to Germany in October 2008, she became a full professor for Applied Analysis at the Universität Osnabrück.

Gitta Kutyniok was awarded various prizes for both her teaching and research, among which were the “Weierstrass Prize for outstanding teaching of the Universität Paderborn” in 1998, the “Research Prize of the Universität Paderborn” in 2003 as well as the “Prize of the University Gießen” in 2006. Just recently, in 2007, she received the prestigious “von Kaven Prize” awarded annually by the DFG-German Research Foundation.

Since 2007, she is an Associate Editor for the Journal of Wavelet Theory and Applications, and since 2009, she is a Corresponding Editor for Acta Applicandae Mathematicae. She was a panelist for the NSF in 2008 and serves as a reviewer for the NSF, GIF, NWO, WWTF as well as for over 30 journals.

Her research interests include the areas of applied harmonic analysis, numerical analysis, and approximation theory, in particular, sparse approximations, compressed sensing, geometric multiscale analysis, sampling theory, time-frequency analysis, and frame theory with applications in signal and image processing.