

CV Peter Koepke

I was born at Herford, Germany, on May 31st, 1954. My father, Helmut Koepke, was a maker of pianos and harpsichords, my mother, Ilse Koepke, is an accountant. I have been married to Monika Osterheld-Koepke since 1982, we have five children.

Academic Career

In 1970 I was admitted as a guest student in mathematics at the newly founded University of Bielefeld, while still attending the Gymnasium at Herford. In the 1971 and 1972 Bundeswettbewerb Mathematik, a national mathematics competition, I won first prizes and a grant of the Studienstiftung des deutschen Volkes, which supported my undergraduate studies and part of my graduate studies.

After the Abitur in 1972, I began to study mathematics and physics at the Technical University at Berlin. After the Vordiplom (intermediate diploma) in 1974, I changed to the Free University at Berlin. In 1975, motivated by courses in mathematical logic, I moved to the University of Bonn, a well-known center for mathematical logic. I attended set theory courses by K. Devlin and R. B. Jensen and became a diploma student under the supervision of R. Jensen. In 1978 I completed my diploma with a thesis "Das Modell $L^\#$ ". One of my oral examiners was Friedrich Hirzebruch.

In the academic 1978/79 I was a master's student at the University of California at Berkeley, supported by a scholarship of the DAAD, the German academic exchange service. Within the general master's program I specialized on axiomatic set theory and attended courses by L. Harrington, R. McKenzie, J. Silver, and R. Solovay. In 1979 I obtained the degree of master of arts with a thesis "The core model", supervised by R. Solovay.

In 1979 I took up doctoral studies at the University of Freiburg under the supervision of R. Jensen. From 1981 onwards, I partly worked at the University of Oxford, since R. Jensen had taken up a position at All Souls College. In 1984 I was conferred a doctoral degree from the University of Freiburg for my thesis "A theory of short core models and some applications". The thesis won a "Goedecke Forschungspreis".

In 1984 I was awarded a Feodor Lynen postdoctoral research fellowship of the Alexander von Humboldt Foundation for work at the University of Oxford and a Junior Research Fellowship at Wolfson College, Oxford. In 1987 I took an assistantship at the University of Freiburg and obtained my habilitation in 1990 with a thesis "Finestructure for inner models with strong cardinals".

Since 1990 I have held a professorship (C3) for logic and model theory at the University of Bonn. I spent two long term sabbatical visits at Oxford (1994) and Barcelona (2001). I have established a research group in mathematical logic which is working in the several areas of logic: axiomatic set theory (inner models, forcing constructions, large cardinals, consistency strengths of combinatorial principles), descriptive set theory (determinacy and regularity properties of sets of real numbers), computability theory with ordinal numbers, history and philosophy of logic (Hausdorff edition), and in formal mathematics.