

RESEARCH STATEMENT

VERA FISCHER

My main research interests are in the combinatorial properties of the real line in the presence of large continuum.

In the last few years, I have worked on questions concerning the cardinal characteristics of the real line, as well as questions regarding the definability of different combinatorial objects on \mathbb{R} . In particular I am interested in various methods of obtaining models of large continuum (in between which non-linear iterations), as well as in the construction of generic posets with desired combinatorial properties. A list of my publications can be found at www.logic.univie.ac.at/~vfischer.

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