Prof. Dr. Jochen Ziegenbalg
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Curriculum Vitae

Birthdate and place: 24 June 1944 in Dresden (Germany)

Academic education
- 1964: German Abitur (the prerequisite for academic studies in Germany), Leibniz Gymnasium, Stuttgart-Feuerbach
- 1965-1972: Studies of Mathematics with Physics, Economics, Philosophy at the Universities of Stuttgart and Tübingen
- 1970: Academic degree "Diplom-Mathematiker", University of Tübingen
- 1972: Academic degree "Dr. rer. nat.", University of Tübingen
  Doctoral thesis: Periodische Normalteiler von Gruppenbasen isomorpher Gruppenringe (Periodic normal subgroups of group bases of isomorphic group rings)

Academic and professional positions
- 1972-1975: Teaching and research assistant at Universities in Karlsruhe, Freiburg, Neuss and Würzburg
- 1975-1987: Professor of Mathematics and Information Science (Computer Science) at the University of Education at Reutlingen
- since 1987: Professor of Mathematics and Information Science at the University of Education at Karlsruhe
  Positions held at the University of Education at Karlsruhe:
    - Head of the Department of Computer Science
    - Head of the University Budget Commission
    - Pro-Dekan (Vice Dean) of the Faculty III (Mathematics, Natural Sciences, ...)
    - Pro-Rektor (Vice President / Deputy Vice Chancellor) for Research and Innovation

Activities as a Visiting Scholar (without conferences)
- University of San Francisco, California, U.S.A., July / Aug. / Sept. 1986
- Universidad Nacional de Trujillo, Peru, Oct. / Nov. 2001
- East China Normal University (ECNU), Shanghai, Aug. / Sept. 2002
- Macquarie University, Sydney, Feb. / March 2007
- University of Queensland, Brisbane / March 2007
- University of Melbourne / April 2007

Fields of interest / fields of specialization
- Finite and discrete mathematics
- Modeling and simulation
- Algorithms / algorithmic problem solving
- Structural and algebraic methods in mathematics
- Computers in Education; in particular: programming paradigms and their role in education
- Methodology of teaching and learning, in particular: heuristics, elementarization, the paradigmatic method, visualization
- History and philosophy of mathematics

Publications   see my German homepage (URL above)