

# Curriculum Vitae of Josef Schicho

## Affiliation

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## Personal Data

Date and Place of Birth: 28.06.1964, Wien.  
Nationality: Austria.

## Education

1974 - 1982: High School, Linz  
1982 - 1985: Studies in Mathematics, Technical University of Graz  
1985 - 1989: Studies in Mathematics, University of Wien, Diploma in 1989.  
1989 - 1995: Doctoral Studies in Mathematics, University of Linz, Ph.D. in 1995.  
2001: Habilitation for Mathematics at the University of Linz.

## Career History

1992 - 1997: System Administrator, University of Linz  
1998 - 2001: Research Assistant, University of Linz  
2001 - 2003: Associated Professor, University of Linz  
since 2004: Group Leader, Johann Radon Institute  
since 2013: Associated Professor, University of Linz

## Scientific Services

Editor of the J. Symb. Comp.  
General Chair for ISSAC 2004 and MEGA 2007.  
Programm Committee Member for various conferences in the fields of Symbolic Computation and Computational Algebra.  
Referee for Zentralbl. Math., J. Symb. Comp., Comp. Aided Geom. Design, IJCGA, Graph. Models, Bulletin LMS, Constraints, J. Algebra, and various conferences.  
Reporter of the FWF (Austrian Science Fund), Mathematics.

## Research Interests

Computational algebraic geometry, symbolic computation, computer algebra, kinematics.

## Funded Research Projects

P12662-TEC "Computation of Adjoints", 1998–2000:  
Principal Investigator  
Special Research Area 13 "Numeric and Symbolic Scientific Computation", 1998–2008:  
Principal Investigator in subprojects 1303 (1998–2008) and 1315 (2003–2008)  
P15551 "Explicit Resolution", 2003–2005:

Co-investigator (together with H. Hauser)

P18992-N18 “Solution of Algebraic Equations”, 2006–2008:

Co-investigator (together with H. Hauser)

P21461-N23 “Solution of Algebraic Equations II”, 2009–2013:

Co-investigator (together with H. Hauser)

Doctorate Program “Computational Mathematics”, started 2008:

Principal Investigator in subproject 9

P22766-N18 “Radical Parametrizations of Algebraic Curves”, 2011–2014:

Co-investigator (together with D. Sevilla)

P26607 “Algebraic Methods in Kinematics”, started 2014:

Co-investigator (together with H.-P. Schröcker)

All above projects have been supported by the Austrian science funds; the SFB was supported additionally by the Government of Upper Austria.

### **Teaching Experience**

Mathematics for Computer Scientists 1 (Analysis), lecture and exercises (2001–2009).

Linear algebra 1 & 2, exercises (2000, 2001).

Logic 2 for Mathematicians and Computer Scientists, lecture (1997–2001).

Differential Equations for Teaching Certification (2007–2009)

Ordinary Differential Equations (since 2010)

Various Special Courses and Seminars in Symbolic Computation (since 1997).

Supervisor of 11 PhD students in Symbolic Computation (8 finished)