

Curriculum vitae

- Education**
- Engineer of technical mathematics, University in Ljubljana, diploma thesis: *Difference methods in numerical solutions of differential equations*.
 - Master of mathematics at University in Ljubljana, master thesis: *Stability of numerical methods for the solution of ordinary differential equations*.
 - Granted PhD from University in Ljubljana, thesis title: *Runge-Kutta methods with real eigenvalues*, advisors prof. Syvert Nørsett (NTNU Trondheim, Norway) and prof. Zvonimir Bohte (University in Ljubljana).

- Working experience**
- Systems analyst at *Metalka*, Ljubljana.
 - Programmer at *Clinical Center* in Ljubljana.
 - Teaching assistant at *Faculty for Electrotechnical and Computing engineering* at University in Ljubljana.
 - Part time employed as a researcher at the *Institute for Mathematics, Physics and Mechanics* in Ljubljana, working on different research projects in numerical mathematics.
 - Assistant professor at *Faculty for Computing and Information Science* at University in Ljubljana.
 - Associate professor at *Faculty for Computing and Information Science* at University in Ljubljana.
 - [2013–
] Full profesor at *Faculty for Computing and Information Science* at University in Ljubljana.

- Courses taught**
- Calculus
 - Linear algebra
 - Numerical mathematics
 - Mathematical modelling

- Research interests**
- numerical analysis of differential equations, Runge-Kutta methods.

- preservation of invariants in DE by numerical methods, geometric integration.
- spectral methods for boundary value problems.
- quadrature rules for highly oscillatory functions.

- Awards**
- Research fellow at the Norwegian Technical University in Trondheim, Norway.
 - Research fellow at the Norwegian Technical University in Trondheim, Norway.
 - Research fellow at the Center for Advance Study in Oslo, Norway.
 - Research fellow at the Isaac Newton Institute in Cambridge, Great Britain.

- Other activities**
- National coordinator for *Computationally intensive methods and applications* at the Ministry of Science and Technology, Republic of Slovenia.
 - Deputy national coordinator for *Computationally intensive methods and applications* at the Ministry of Science and Technology, Republic of Slovenia.
 - Chair of the Mathematics and Physics Department, FRI, University in Ljubljana.
 - President of the Committee for the Monitoring of Quality and Self-Evaluation, FRI, University in Ljubljana.
 - President of the Governing board, FRI, University in Ljubljana.
 - Chair of the Committee for Publishing and Press, FRI, University in Ljubljana.

Ljubljana,

Bojan Orel