

Damjan Škulj

University of Ljubljana
Faculty of Social Sciences
Chair of Social Informatics and Methodology
Kardeljeva pl. 5
SI 1000 Ljubljana
Slovenia

Phone: +386 1 5085 289
`damjan.skulj@fdv.uni-lj.si`

Personal

born: March 11, 1975 in Novo Mesto, Slovenia
nationality: Slovene
sex: male

Education

Graduated Mathematics, University of Ljubljana, Faculty of mathematics and physics, 1998
Attended Essex Summer School in Social Science Data Analysis, University of Essex, UK, 1999
Master degree, Mathematics, University of Ljubljana, Faculty of mathematics and physics, 2001
Ph.D. Mathematics, University of Ljubljana, Faculty of mathematics and physics, 2004

Teaching Experience

Teaching Assistant, *Mathematics, Statistics*, University of Ljubljana, Faculty of social sciences, 1998–2006
Assistant Professor, *Mathematics, Statistics, Operation research*, University of Ljubljana, Faculty of social sciences, 2007–present
Teaching Assistant, *Maths refresher course*, ECPR Summer School in Methods & Techniques, University of Ljubljana, 2007.
Teacher, *The most essential topics in Probability Theory*, ECPR Summer School in Methods & Techniques, University of Ljubljana, 2010.
Teacher, *Imprecise Markov Chains*, 4th SIPTA Summer School, Durham, UK, 1-6 September 2010.

Research interests

- My research interests are mainly related to imprecise probabilities. They include:
- modelling stochastic processes under uncertainty, both discrete and continuous;
 - modelling risk and uncertainty for decision making;
 - differential equations with uncertain parameters;
 - computational aspects of stochastic models.

Fellowships and awards

Alan Richards Fellowship at Grey College, Durham University, UK, April to June 2008.

Membership in societies

Society of Mathematicians, Physicists and Astronomers of Slovenia
Slovenian Society Informatika
Statistical Society of Slovenia
Society for Imprecise Probability: Theories and Applications

Selected publications

“Discrete time Markov chains with interval probabilities.” *International Journal of Approximate Reasoning*, 2009.

“Coefficients of ergodicity for Markov chains with uncertain parameters.” with R. Hable *Metrika*, 2013.

“A classification of invariant distributions and convergence of imprecise Markov chains.” *Linear Algebra and its Applications*, 2013.

“Efficient computation of the bounds of continuous time imprecise Markov chains.” *Applied Mathematics and Computation*, 2015.

“Random walks on graphs with interval weights and precise marginals.” *International Journal of Approximate Reasoning*, 2016.