Damjan Škulj

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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.

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

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Selected publications

"Discrete time Markov chains with interval probabilities." *nternational 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.