

Curriculum Vitae: Lucia Načinović Prskalo

CONTACT INFORMATION University of Rijeka
Department of Informatics
Radmile Matejčić 2
HR-51000, Rijeka
Croatia
phone:+385 51 584-718
fax:+385 51 584-700
mail: lnacinovic [at] uniri.hr
<http://www.inf.uniri.hr>
<http://langnet.uniri.hr/members.html>

EDUCATION

Ph.D., Information and Communication Sciences, University of Zagreb, Faculty of Humanities and Social Sciences, Department of Information and Communication Sciences, 2016.

Thesis Topic: *Automatic Prediction and Modelling of Croatian Prosodic Features Based on Text*. Supervisor: Nives Mikelić Preradović

M.Sc., Informatics and English Language and Literature, University of Rijeka, Faculty of Humanities and Social Sciences, Departments of Informatics and English Language and Literature, 2008.

Thesis Topic: *Grapheme-to-Phoneme Conversion for Croatian Speech Synthesis*. Supervisor: Ivo Ipšić.

PROFESSIONAL POSITIONS

Postdoctoral Researcher

Department of Informatics, University of Rijeka 2016 - present

Research and Teaching Assistant

Department of Informatics, University of Rijeka 2009 - 2016

RESEARCH INTERESTS

Natural Language Processing, Speech Synthesis, Speech and Language Technologies, Information Retrieval, Text Classification

RESEARCH PROJECTS

Researcher

- LangNet, Language Networks, University of Rijeka 2014 - present
- Speech Technologies, MZOS, (318-0361935-0852, 009-0361935-085) 2009 - 2013.

PUBLICATIONS

Book chapters

Načinović, Lucia; Martinčić-Ipšić, Sanda. Prosodic Modelling for Croatian Speech Synthesis. Towards Solving the Social Science Challenges with Computing Methods. Mileva Boshkoska, Biljana (ur.). Frankfurt am Main, Berlin, Bern, Bruxelles, New York, Oxford, Wien : Peter Lang, 105-118. 2015.

Conference proceedings

Načinović Prskalo, Lucia; Martinčić-Ipšić, Sanda An Overview of Prosodic Modelling for Croatian Speech Synthesis, 5th International Conference on Information Technologies and Information Society -ITIS 2013 / Levnajić, Zoran (ed). - Novo mesto, Slovenija : Faculty of Information Studies in Novo mesto, 2013. 105-112. / Levnajić, Zoran (ur.). - Novo mesto : Faculty of Information Studies , 2013. 105-112.; 105-112, 2013.

Načinović, Lucia; Perak, Benedikt; Meštrović, Ana; Martinčić-Ipšić, Sanda Identifying Fear Related Content in Croatian Texts, Zbornik Osme konference Jezikovne

tehnologije, 8. do 12. oktobar 2012, [Ljubljana, Slovenia] : IS 2012, zvezek C = Proceedings of the Eighth Language Technologies Conference, October 8th-12th, 2012, Ljubljana, Slovenia : proceedings of the 15th International Multiconference Information Society - IS 2012, volume C, Ljubljana , 2012. 153-156 (ISBN: 978-961-264-048-4).; C, 153-156, 2012.

Načinović, Lucia; Pobar, Miran; Martinčić-Ipšić, Sanda; Ipšić, Ivo Automatic Intonation Event Detection Using Tilt Model for Croatian Speech Synthesis, INFUTURE2011, The Future of Information Sciences, Information Sciences and e-Society / Billenness, Clive ; Hemera, Annette ; Mateljan, Vladimir ; Banek Zorica, Mihaela ; Stančić, Hrvoje ; Seljan, Sanja (ur.). - Zagreb : Department of Information Sciences, Faculty of Humanities and Social Sciences, University of Zagreb, 2011. 383-391 (ISBN: 978-953-175-408-8).; 383-391, 2011.

Načinović, Lucia; Martinčić-Ipšić, Sanda; Ipšić, Ivo Intonation Modeling for Croatian Speech Synthesis, Proceedings of the 33rd International Convention on Information and Communication Technology, Electronics and Microelectronics MIPRO 2010; 3., 253-257, 2010.

Strčić, Vedran; Načinović, Lucia; Ipšić, Ivo A Review on Creation and Structure of Emotional Multimodal Databases, CECIIS Central European Conference on Information and Intelligent Systems 21st International Conference 2010 / Aurer, Boris ; Bača, Miroslav ; Schatten, Markus (ur.). - Varazdin : Faculty of Organization and Informatics , 2010. 19-24.; 19-24, 2010.

Načinović, Lucia; Pobar, Miran; Ipšić, Ivo; Martinčić-Ipšić, Sanda Grapheme-to-Phoneme Conversion for Croatian Speech Synthesis, 32nd International Convention on Information and Communication Technology, Electronics and Microelectronics (MIPRO 2009) : Proceedings. Vol. 3 : Computers in technical systems. MIPRO : zbornik radova : sv. 3 : Računala u tehničkim sustavima. Inteligentni sustavi / Bogunović, Nikola ; Ribarić, Slobodan (ur.). - Rijeka : Croatian Society for Information and Communication Technology, Electronics and Microelectronics - MIPRO , 2009. 318-323 (ISBN: 978-953-233-045-8).; 3, 318-323, 2009.

Načinović, Lucia; Martinčić-Ipšić, Sanda; Ipšić, Ivo Statistical Language Models for Croatian Weather-domain Corpus/ Stančić, Hrvoje ; Seljan, Sanja ; Bawden, David ; Lasić-Lazić, Jadranka ; Slavić, Aida (ur.). - Zagreb : Vjesnik , 2009. 333-340 (ISBN: 978-953-175-355-5).; 333-340, 2009.

ACADEMIC SERVICE

- **Program Committee Member:** ACECS 2015.
- **Conference Paper Reviewer:** MIPRO 2011 - present

TEACHING EXPERIENCE

Undergraduate courses

- Introduction to Computer Science, Theoretical Computing, Compilers and Interpreters, Department of Informatics, University of Rijeka 2009-present
- General System Theory, Department of Informatics, University of Rijeka 2009-2011
- Informatics, Department of Biotechnology, University of Rijeka 2009-2010

Graduate courses

- Natural Language Processing, Decision Support Systems, IT Project Management, Department of Informatics, University of Rijeka 2009-present

WORK EXPERIENCE

- **Research and Teaching Assistant:** University of Rijeka, Department of Informatics, 2009-present

- **Computer Science Teacher:** Primary school "Ivo Lola Ribar" Labin, 2008-2009.
- **Computer Science Teacher:** Primary school "Vitomir širola Pajo" Nedešćina, 2007-2008.
- **Tourist Guide:** Kompas Rabac-Labin d.o.o, 2006-2007.

- WORKSHOPS AND SUMMER SCHOOLS
- Teaching Competence in Higher Education, Department of Informatics, University of Rijeka, 2016.
 - Project management, Znanstveno - tehnologijski park, University of Rijeka, 2011.
 - Fourth Machine Translation Marathon, Dublin City University, 2010.
 - MudRi edukacija edukatora, Faculty of Engineering, University of Rijeka, 2009.

- ORGANIZATIONAL SKILLS
- Member of the organizing team, Translation Technologies Summer School TransTech, Rijeka, 2.-8.9.2013.
 - Member of the organizing team, 12th Workshop Software Engineering Education and Reverse Engineering, Opatija, 2.-9.9.2012.

- TECHNICAL SKILLS
- Operating Systems: Linux, MS Windows
 - Programming Languages and Tools: Perl, Python, HTML, CSS, PHP, L^AT_EX, MATLAB, Octave, Orange, Weka, SRILM, NLTK

- LANGUAGES
- Fluent: Croatian, English, Italian
 - Working proficiency: German