

Simona Etinski (Đurić)

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FIELDS OF INTEREST	post-quantum cryptography, quantum algorithms	
CURRENT STUDIES	Paris Cité University major: Theoretical computer science module: Cryptography	
	PhD student	since 2019
PREVIOUS STUDIES	Faculty of Technical Sciences, University of Novi Sad major: Electrical and Computer Engineering module: Communications and Signal Processing	
	PhD student	2017 – 2019
	Master's student – GPA: 10.00, achievement: excellent	2016 – 2017
	Bachelor's student – GPA: 9.66, achievement: excellent	2012 – 2016
THESES	<i>Adaptation of a DNN for TTS to the Characteristics of a Particular Speaker</i> , master's thesis	2017
	<i>Classification of BOLD Signal Independent Components</i> , bachelor's thesis	2016
PROFESSIONAL ENGAGEMENTS	PhD student at INRIA Paris (COSMIQ) team and IRIF (Algorithms and Complexity) group	since 2019
	Research and teaching assistant at the Faculty of Technical Sciences, University of Novi Sad ,	2018 – 2019
	Software developer at AlfaNum Speech Technologies	2018 – 2019
	Intern at AlfaNum Speech Technologies and Zesium Mobile	2016
PUBLISHED RESEARCH	(preprint) <i>On the (In)security of optimized Stern-like signature schemes</i> , submitted to DCC	2022
	<i>Classical and Quantum algorithms for generic Syndrome Decoding problems and applications to the Lee metric</i> , conference paper at PQCrypto 2021	2021
	<i>Style-Code Method for Multi-Style Parametric Text-To-Speech Synthesis</i> , journal paper, SPIRAS Proceedings Journal	2018
	<i>A Multi-Target Speaker Detection and Identification System Based on Combination of PLDA and DNN</i> , conference paper, TELFOR	2018
	<i>Multi-style statistical parametric TTS</i> , conference paper, DOGS	2017
	<i>Temporal Pattern Based Classification of Independent Components in Resting State fMRI</i> , conference paper, NEUREL	2016
	<i>Comparing Human and Automated Speaker Recognition in Case of Imitated Speech</i> , conference paper, TELFOR	2015

CONFERENCE TALKS AND SEMINARS	<i>Generalized Syndrome Decoding Problem and its Application to Digital Signatures</i> , C2-days 2022, CWI-Cryptology student seminar	2022
	<i>Classical and Quantum algorithms for generic Syndrome Decoding problems and applications to the Lee metric</i> , CBCrypto 2021, PQCrypto 2021, LIP6-Almasty seminar	2021, 2022
	<i>Security of code-based cryptography</i> , QuData seminar	2021
TEACHING AND MENTORING	Teaching assistant at the École Polytechnique : – Introduction to object-oriented programming in Java	2022
	Teaching assistant at the Faculty of Technical Sciences : – Communication systems – Audio and video technologies – Acoustics and audio technology in multimedia	2018 – 2019
SCIENTIFIC OUTREACH	Guest lecturer and advisor at Linguistics seminar at Petnica Science Center , supported by MILSET	2012–2019
	Co-mentor for students’ projects at International Research School for high school students, supported by MILSET	2021, 2019, 2017
CHALLENGES AND COMPETITIONS	Member of a system development team in the Multi-target Speaker Detection and Identification Challenge (MCE 2018)	2018
	Member of a system development team in the IEEE Signal Processing Cup (IEEE SP Cup) – Special Prize for Sensing Circuit System	2016
SCHOLARSHIPS AND AWARDS	PhD fellowship, MathInParis2019, FSMP	2019–2022
	AlfaNum Speech Technologies ’ scholarship	2017–2018
	“Dositeja” scholarship, Fund for Young Talents	2016–2017
	Award for exceptional accomplishment during Bachelor’s studies, University of Novi Sad	2015, 2016
	University students’ scholarship, Ministry of Education, Science and Technological Development	2013–2016
PROGRAMMING LANGUAGES PROFICIENCY	C, C++, Matlab – excellent Python, Java, C# - familiar VHDL – familiar	
OPEN SOURCE PROJECTS	Information Set Decoding Analysis	
LANGUAGES PROFICIENCY	Serbian – native English – fluent	French – intermediate Russian – beginner