

Elena Gutiérrez Viedma



Age	24 (November 10, 1993)	Address	IMDEA Software Institute Office 342
Place of birth	Madrid, Spain		Campus de Montegancedo s/n
Nationality	Spanish		28223 - Pozuelo de Alarcón
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Website	http://elenagutiv.github.io/		

Research Interests

I am interested in the theory of formal languages and automata and its applications to the verification of software.

Experience

Sept. 2016 - present	IMDEA Software Institute PhD. in Software, Systems and Computing supervised by Prof. Pierre Ganty Universidad Politécnica de Madrid
Sept. 2015 - Feb. 2016	IMDEA Software Institute Degree Thesis supervised by Prof. Pierre Ganty
2013 - 2015	IMDEA Software Institute Three-month research summer internships

Education

2011- 2016	Double Degree in Mathematics and Computer Science Universidad Autónoma de Madrid Average Grade (out of 10) - 8.21
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Grants

2017- 2021	Predoctoral Contract for PhD. Training Grant (FPI) Provided by the Spanish Ministry of Economy, Industry and Competitiveness
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Publications

- P. Ganty and E. Gutiérrez. Parikh Image of Pushdown Automata. *Fundamentals of Computation Theory: 21st International Symposium, FCT 2017, Bordeaux, France, September 11-13, 2017, Proceedings*, pages 271-283, 2017.
- P. Ganty and E. Gutiérrez. The Regular Property for Weighted Context-Free Grammars . *To be accepted at MFCS 2018*.

Languages

Spanish	Native
English	Professional proficiency
	TOEFL iBT (Feb. 2016)
	Total (out of 120): 104

French Elementary proficiency

Additional Information

Teaching Experience	Support classes for students at secondary education Mathematics, English, Physics and Chemistry
Volunteer work	International exchange organization AFS Coordination of exchange activities for foreign students in Spain Soñar Despierto Foundation Support classes for students coming from marginalized backgrounds.
Driving License	Class B Oct. 2012