

# Elena Gutiérrez Viedma

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<b>Age</b>	24 (November 10, 1993)	<b>Address</b>	IMDEA Software Institute
<b>Place of birth</b>	Madrid, Spain		Office 342
<b>Nationality</b>	Spanish		Campus de Montegancedo s/n
<b>Email</b>	elena.gutierrez@imdea.org		28223 - Pozuelo de Alarcón
<b>Website</b>	<a href="http://elenagutiv.github.io/">http://elenagutiv.github.io/</a>		Madrid, Spain

## Research Interests

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

## Experience

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

## Education

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

<b>2017 - 2021</b>	Predocctoral 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*.

## Languages

<b>Spanish</b>	Native
<b>English</b>	Professional proficiency TOEFL iBT (Feb. 2016) Total (out of 120): 104
<b>French</b>	Elementary proficiency

## Additional Information

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