

Elena Gutiérrez Viedma



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

Research Interests

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

Experience

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| 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

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| 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

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| 2017- 2021 | 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 at MFCS 2018*.

Languages

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

French Elementary proficiency

Additional Information

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| 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 |