

Curriculum vitae

Elli Anastasiadi

Menntasvegur 1, 102 Reykjavik, Iceland

Icelandic Center of Excellence in Theoretical Computer Science (ICE-TCS)
Department of Computer Science, Reykjavik University

PERSONAL DETAILS

Date of birth: 15 October 1995

Nationality: Greek

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EDUCATION

Reykjavik University (Ongoing)

PhD studies in the Equational Logic of Processes.

Thesis proposal title: "Formal verification of concurrent systems: Advances through modal logics and equational reasoning".

Reykjavik, Iceland

March 2019 - present

NTUA & NKUA

Masters program in Algorithms, Logic and Mathematics (ALMA) GPA: 9.0/10.0 .

Specializations: Logic in computer science.

Athens, Greece

Sept 2018 - Feb 2019

National Technical University of Athens (NTUA)

5-year diploma (MSc) in Applied Mathematics GPA: 7.9/10.0 .

Specializations: Applied statistics, Mathematics of Computer Science.

Thesis title: "Parameterized complexity and model checking on bounded families of graphs" (grade: 10/10).

Athens, Greece

Sept 2013 - Sep 2018

WORK EXPERIENCE

CoReLab NTUA

Teaching assistant / Lab member

- Assisted in the teaching of several courses.
- Gave lectures related to the content of masters thesis.
- Participated in research activities: <https://arxiv.org/abs/1902.05529>.

Athens, Greece

Sept 2018 - Feb 2019

Megaventory Inc.

Software Engineer Intern

- Implemented interactive user guides.
- Designed an extension to the database for implementing Landed Cost calculations.
- Performed a risk analysis and a response analysis over user statistics.

Athens, Greece

June 2018 - Aug 2018

Public education sector

High School Student Tutor

- Provided tutorship for high school students in Mathematics, Statistics and Informatics.

Athens, Greece

Sept 2017 - June 2017

PUBLICATIONS

- On the axiomatisability of priority III: Priority strikes again.
Journal: **Theoretical Computer Science Volume 837**. Oct 2020.
- On the Axiomatizability of Priority III: The Return of Sequential Composition.
Conference: **20th Italian Conference on Theoretical Computer Science**. Sep 2019.

SUBMITTED PAPERS

- On probabilistic Monitorability. Submitted to: Henzinger-60 conference. May 2021.
- In search of lost time: Axiomatizing parallel composition in process algebras. Submitted to: LICS 2021 conference. May 2021.
- Axiomatizing recursion-free, regular monitors. Submitted to: JLAMP journal. April 2021.

CONFERENCES, WORKSHOPS & SUMMER SCHOOLS

Federated Conference on Distributed Computing Techniques. <i>Valletta, Malta (online)</i>	June 2021
ICALP/LICS. <i>Saarbrücken, Germany (online)</i>	July 2020
Federated Conference on Distributed Computing Techniques. <i>Valletta, Malta (online)</i>	June 2020
MOVEP Summer school <i>Grenoble, France (online)</i>	June 2020
Nordic Workshop of Programming languages <i>Tallinn, Estonia</i>	Nov 2019
○ Talk title: "Axiomatizing equivalences over regular monitors".	
Panhellenic Logic Symposium <i>Anoia, Greece</i>	June 2019
○ Talk title: "An Axiomatization of Verdict Equivalence over Regular Monitors".	

TALKS

ALMA Masters program seminar <i>Athens, Greece</i>	June 2021
○ "Natural Deduction: From classic to modal Logic".	
CoReLab Seminar <i>Athens, Greece</i>	June 2020
○ "The Uppaal model checker".	
Reykjavik University Computer Science Flash Talks <i>Reykjavik, Iceland</i>	Feb 2020
○ "Using equational logic towards formal verification of concurrent systems".	
ICE-TCS Theory Day <i>Reykjavik, Iceland</i>	April 2019
○ "Fine-grained complexity".	
ICE-TCS Seminar <i>Reykjavik, Iceland</i>	March 2019
○ "Parameter trade-offs for the Model Checking Problem".	

TEACHING RECORD

PhD teaching record <i>Reykjavik University, Department of Computer Science</i>	March 2019 - present <i>Reykjavik, Iceland</i>
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Instructor:

- Real-time Models (3-week course, T-219-REMO): Summer 2021.
- Modeling and Verification (T-707-MOVE): Spring 2021.
- Theory of Computation (T-519-STOR): Winter 2020.
- Logic in Computer Science (T-505-ROKF): Spring 2020.

Teaching assistant:

- Theory of Computation (T-519-STOR): Winter 2019.
- Real Time Models (3-week course, T-219-REMO): Summer 2019.
- Modeling and Verification (SC-T-707-MOVE): Spring 2019.

CoReLab NTUA

Sep 2018 - Feb 2019

Teaching assistant

Athens, Greece

- Introduction to Computer Science: Dep. of Electrical Engineering.
- Discrete Mathematics I: Dep. of Electrical Engineering & Dep. of Applied Mathematics.
- Introduction to programming (C,C++): Dep. Of Electrical Engineering.

AWARDS

- ACM-W, women in computing scholarship award 2019 (towards attending ICALP/LICS).
- Hellenic Mathematical Society, 1st prize in panhellenic mathematical competition Euclid 2009.

PERSONAL SKILLS

- Languages: **Greek** - Native, **English** - Proficient (long time user in professional and personal environments), **French** - Basic (basic education and occasional low-level use).
- Research Software: Uppaal, Minitab, R, Mathematica, Matlab
- Programming Languages: Python, C, C++, Java, HTML/CSS, Haskell, SQL, Fortran.
- Miscellaneous: Drivers license, leisure sailboat driving and management ability, percussion instrument proficiency, various music experience in other instruments and skills (guitar, piano, singing, marching band performance), sound technician experience, .