Curriculum vitae

Elli Anastasiadi

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Icelandic Center of Excellence in Theoretical Computer Science (ICE-TCS)
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PERSONAL DETAILS

Date of birth: 15 October 1995
Nationality: Greek
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EDUCATION

Reykjavik University   (Ongoing)   **Reykjavik, Iceland**
PhD studies in the Equational Logic of Processes.   *March 2019 - present*
Thesis proposal title: "Formal verification of concurrent systems: Advances through modal logics and equational reasoning".

NTUA & NKUA   **Athens, Greece**
Masters program in Algorithms, Logic and Mathematics(ALMA) GPA: 9.0/10.0 .   *Sept 2018 - Feb 2019*
Specializations: Logic in computer science.

National Technical University of Athens (NTUA)   **Athens, Greece**
5-year diploma (MSc) in Applied Mathematics GPA: 7.9/10.0 .   *Sep 2013 - Sep 2018*
Specializations: Applied statistics, Mathematics of Computer Science.
Thesis title: "Parameterized complexity and model checking on bounded families of graphs" (grade: 10/10).

PUBLICATIONS

- In search of lost time: Axiomatising parallel composition in process algebras. **LICS 2021**. May 2021.
- 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

- Monitoring hyperproperties with circuits. Submitted to: FORTE 2022.
- On probablilistic Monitorability. Submitted to: Henzinger-60 conference. May 2021.
- Axiomatizing recursion-free, regular monitors. Submitted to: JLAMP journal. April 2020.

AWARDS & GRANTS

- Reykjavik University research fund for the project "REVoCoP: Runtime and Equational Verification of Concurrent Processes". Feb 2022.
- ACM-W, women in computing scholarship award 2019 (towards attending ICALP/LICS).
- Hellenic Mathematical Society, 1rst prize in panhellenic mathematical competition Euclid 2009.

CONFERENCES, WORKSHOPS & SUMMER SCHOOLS

Federated Conference on Distributed Computing Techniques.   **June 2021**
Valletta, Malta (online)

ICALP/LICS. July 2020
Saarbrücken, Germany (online)

Federated Conference on Distributed Computing Techniques. June 2020
Valletta, Malta (online)

MOVEP Summer school June 2020
Grenoble, France (online)

Nordic Workshop of Programming languages Nov 2019
Tallinn, Estonia
- Talk title: "Axiomatizing equivalences over regular monitors".

Panhelleninc Logic Symposium June 2019
Anogeia, Greece
- Talk title: "An Axiomatization of Verdict Equivalence over Regular Monitors".

TALKS

ALMA Masters program seminar June 2021
Athens, Greece
- "Natural Deduction: From classic to modal Logic".

CoReLab Seminar June 2020
Athens, Greece
- "The Uppaal model checker".

Reykjavik University Computer Science Flash Talks Feb 2020
Reykjavik, Iceland
- "Using equational logic towards formal verification of concurrent systems".

ICE-TCS Theory Day April 2019
Reykjavik, Iceland
- "Fine-grained complexity".

ICE-TCS Seminar March 2019
Reykjavik, Iceland
- "Parameter trade-offs for the Model Checking Problem".

WORK EXPERIENCE

CoReLab NTUA Athens, Greece
Teaching assistant/Lab member *Sep 2018 - Feb 2019*
- 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.

Megaventory Inc. Athens, Greece
Software Engineer Intern *June 2018 - Aug 2018*
- 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.

Public education sector Athens, Greece
High School Student Tutor *Sep 2017 - June 2017*
- Provided tutorship for high school students in Mathematics, Statistics and Informatics.

TEACHING RECORD

PhD teaching record   **March 2019 - present**
Reykjavik University, Department of Computer Science   *Reykavik, Iceland*
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.

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, .