Curriculum vitae

Evangelos Protopapas

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EDUCATION

2021 - today

Ph.D. Candidate in Theoretical Computer Science

Laboratoire d'Informatique, de Robotique et de Microélectronique de Montpellier (LIRMM)
Université de Montpellier, CNRS, Montpellier, France

Ph.D. thesis: Universal Obstructions of Graph Parameters
advisors: Christophe Paul, Dimitrios Thilikos

2018 - 2020

Master in Algorithms, Logic and Discrete Mathematics

Inter-Institutional Graduate Program in "Algorithms, Logic and Discrete Mathematics"
National and Kapodistrian University of Athens &
National Technical University of Athens, Greece
(GPA: 9.63 / 10 "Excellent")

master thesis: Lexicographic Sets
advisor: Panos Rondogiannis

2014 - 2018

Bachelor in Informatics and Telecommunications

National and Kapodistrian University of Athens, Greece
(GPA: 8.68 / 10 "Excellent")

bachelor thesis: On the Complexity of Higher-Order Datalog: An XSB Implementation
advisor: Panos Rondogiannis

2014

High School Diploma

5th Lyceum of Vyronas, Athens, Greece

Attended the Hellenic Computing Competition (PDP) in 2011. Reached the 3rd and final stage.

LANGUAGES

greek   native
english   C2
french   B1

REASEARCH INTERESTS

Structural and algorithmic graph theory,
in particular studying the approximate behaviour of graph parameters via their universal obstructions.

PUBLICATIONS

journal
2023

On Strict Brambles, with Emmanouil Lardas, Dimitrios M. Thilikos and Dimitris Zoros.
Graphs and Combinatorics 39 (2), 24

conferences
2024

Tree-Layout Based Graph Classes: Proper Chordal Graphs, with Christophe Paul.
41st International Symposium on Theoretical Aspects of Computer Science (STACS 2024)

preprints

(submitted)

Graph Parameters, Universal Obstructions, and WQO, with Christophe Paul and Dimitrios M. Thilikos.
(arXiv preprint arXiv:2304.03688)

(submitted)

Universal Obstructions of Graph Parameters, with Christophe Paul and Dimitrios M. Thilikos.
(arXiv preprint arXiv:2304.14121)

(submitted)

Delineating Half-Integrality of the Erdős–Pósa Property for Minors: the Case of Surfaces, with Christophe Paul, Dimitrios M. Thilikos and Sebastian Wiederrecht

(submitted)

Obstructions to Erdős–Pósa Dualities for Minors, with Christophe Paul, Dimitrios M. Thilikos and Sebastian Wiederrecht

TALKS

March 26
2024

Erdős–Pósa Dualities for Minors
Talk at the discrete math seminar at IBS in Daejeon, Korea

Nov 16 - 18
2022

Tree-Layout Based Graph Classes: Proper Chordal Graphs
24e Journées Graphes et Algorithmes (JGA 2022) in Paris, France

Sep 19 - 22
2022

Tree-Layout Based Graph Classes: Proper Chordal Graphs
10th Workshop on Graph Classes, Optimization, and Width Parameters (GROW 2022) in Koper, Slovenia

July 04 - 08
2022

On Strict Brambles
11th International Colloquium on Graph Theory and Combinatorics (ICGT 2022) in Montpellier, France

WORKSHOPS

Dec 13 - 14 2023	**20èmes Journées de Combinatoire et d'Algorithmes du Littoral Méditerranéen** (JCALM 2023), Montpellier, France
Sep 26 - 28 2022	**2nd Workshop on Complexity and Algorithms** (CoA 2022), Paris, France
Jun 7 - 10 2022	**School On Graph Theory** (SGT 2022), Murol, France
May 16 - 20 2022	**Universal Obstructions of Graph Parameters 10th Workshop on GRAph Searching, Theory and Applications** (GRASTA 2022) in Porquerolles, France
May 02 - 06 2022	**Advances in Parameterized Graph Algorithms** (APGA 2022), Calp, Spain
April 04 - 08 2022	**Directed minors and digraph structure theory** Workshop on structural theory of directed graphs, online
Nov 21 - 26 2021	**Banff workshop 21w5235** Workshop on Graph Product Structure Theory Banff, Canada (remote participation)
Sep 26 - Oct 1 2021	**Dagstuhl Seminar 21391** Workshop on Sparsity in Algorithms, Combinatorics and Logic Dagstuhl, Germany (remote participation)

ACADEMIC ACTIVITIES

Nov 21 - 22 2022	Co-organiser of the 1st Workshop on Logic, Graphs, and Algorithms (LoGAlg2022) in Montpellier, France
July 04 - 08 2022	Co-organiser of the 11th International Colloquium on Graph Theory and Combinatorics (ICGT 2022) in Montpellier, France

RESEARCH VISITS

March 13 - Apr 08 2024	IBS Discrete Mathematics Group (hosted by Sang-il Oum) Institute for Basic Science, Daejeon, Korea
Aug 2021	AlGCo team (hosted by Dimitrios M. Thilikos) LIRMM, Montpellier, France

REFEREEING

journals | Algorithmica, DAM, DMTCS, JCSS

conferences | WG 2022, LATIN 2022, IPEC 2022, ESA 2022, IPEC 2023

MENTORING

ongoing | Co-supervision of the master thesis of Emmanouil Lardas (title TBD)
National and Kapodistrian University of Athens