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

Obstructions to Erdős–Pósa Dualities for Minors, with Christophe Paul, Dimitrios M. Thilikos and Sebastian Wiederrecht
65th IEEE Symposium on Foundations of Computer Science 2024 (FOCS 2024)

2024

Delineating Half-Integrality of the Erdős–Pósa Property for Minors: the Case of Surfaces, with Christophe Paul, Dimitrios M. Thilikos and Sebastian Wiederrecht
51st EATCS International Colloquium on Automata, Languages and Programming (ICALP 2024)

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)

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) in Institute for Basic Science, Daejeon, Korea

Aug 2021

AlGCo team (hosted by Christophe Paul and Dimitrios M. Thilikos) in 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