

Revekka Kyriakoglou, PhD

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Working Experience

- 2021 – today ■ Assistant Professor, University Paris 8 (UP8), Paris, France, in Laboratoire d'Informatique Avancée de Saint Denis (LIASD).
- 2019 – 2021 ■ Post-Doctoral Researcher, University Gustave Eiffel (UGE), Paris, France, in Laboratoire Interdisciplinaire Sciences Innovations Sociétés (LISIS) in collaboration with Laboratoire d'Informatique Gaspard-Monge (LIGM) and Laboratoire Informatique avancée de Saint-Denis (LIASD) (University Paris 8).
- 2019 – 2021t ■ Part-time Lecturer, University Gustave Eiffel (UGE), Paris, France
- 2018 – 2019 ■ Lecturer and Research Assistant, Université Paris-Est Marne-La-Vallée (UPEM), Paris, France
- 2016 – 2018 ■ Part-time Lecturer, Université Paris-Est Marne-La-Vallée (UPEM), Paris, France
- 2015 – 2018 ■ PhD Researcher, École Doctorale Mathématiques et Sciences et Technologies de l'Information et de la Communication (MSTIC), Université Paris-Est Marne-La-Vallée (UPEM), Paris, France

Education

- 2015 – 2019 ■ PhD in Informatics under Prof. Dominique Perrin. *Iterated Morphisms, Combinatorics on Words and Symbolic Dynamical Systems*. École Doctorale Mathématiques et Sciences et Technologies de l'Information et de la Communication (MSTIC), Université Paris-Est Marne-La-Vallée (UPEM), Paris, France
- 2014 – 2015 ■ Master in Computer Science (M2). *Specialization: Algorithms Bioinformatics and Combinatorics*. “Bézout Excellence Track”, University Paris-Est Marne-La-Vallée (UPEM), Paris, France
- 2010 – 2014 ■ Ptychion (M1) in Mathematics. School of Mathematics, Faculty of Sciences, Aristotle University of Thessaloniki, Thessaloniki, Greece

Publications

Book

1. ■ J. Almeida, A. Costa, R. Kyriakoglou & D. Perrin, *Profinite semigroups and symbolic dynamics*. Lecture Notes in Mathematics, Springer <https://link.springer.com/book/10.1007/978-3-030-55215-2> (2020)

Scientific journals

2. ■ J. Almeida, A. Costa, R. Kyriakoglou & D. Perrin, *On the group of a rational maximal bifix code*. Forum Math. 32, 553–576, DOI: <https://doi.org/10.1515/forum-2018-0270> (2019)

Internationals Conferences

3. ■ J. Almeida, A. Costa, R. Kyriakoglou & D. Perrin, *On the group of a rational maximal bifix code*. 17èmes journées montoises d'informatique théorique, <https://jm2018.sciencesconf.org/resource/page/id/5> (2018)
4. ■ F. Dolce, R. Kyriakoglou & J. Leroy, *Decidable properties of extension graphs for substitutive languages*. 16èmes journées montoises d'informatique théorique, <https://www.irif.fr/~dolce/papers/jm16.pdf> (2016)

Internationals Conferences without lecture committee

5. ■ R. Kyriakoglou, *Recognizable morphisms*. Workshop on Words and Complexity, <https://wordcomplexity.sciencesconf.org/data/pages/Kyriakoglou.pdf> (2018)

Scholarships

- 2015-2017 ■ Fondation Lila-Athanasoula, Grand
- 2014 - 2015 ■ Bézout Excellence Track, University Paris-Est Marne-La-Vallée (UPEM), Paris, France
- 2014 ■ Award of excellence in University Graduation, School of Mathematics, Aristotle University of Thessaloniki, Greece
- 2013 ■ Scholarship by IKY (Greek State Scholarship's Foundation), for second highest grade among all students in mathematics department in the academic year 2010-2011

Administrative Activities

- 2019 ■ Part of the doctoral university committee during the HCERES evaluation of the laboratory Gaspard-Monge of UPEM
- 2017 ■ Member of the Organizing Committee of the 22nd International Conference Implementation and Application of Automata- CIAA 2017, <http://ciaa17.univ-mlv.fr/committees.html>

Skills

- OS ■ *Linux, Windows*
- Coding ■ Python, \LaTeX , C, C++
- Web development ■ Html, CSS, Javascript
- Software ■ MS Office (Word, Excel, Power Point, Outlook) and Linux based office equivalents
- Languages ■ Native Greek speaker,
 - English level C2 (Michigan Proficiency),
 - French level C1,
 - Spanish level A1
- Research skills ■ Academic research, teaching, writing, \LaTeX typesetting and publishing

Teaching Experience

2020 - 2021 Part-time Lecturer

- *Advanced Algorithmics*, (C), (12h), second year - S1, Computer Science, IUT/UGE.
Course description: Linked lists, doubly linked lists, trees, Hash table.
- *Algorithmic and Programming 2*, (Python), (24h), first year - S2, Mathematics and Computer Science, UGE.
Course description: Recursive programming, iterative programming, complexity, classes, scripts.
- *Laboratory Maths-Info*, (Python), (18h), second year - S2, Mathematics and Computer Science, UGE.
Course description: Explore objects and mathematical problems using object-oriented programming in Python.
- *Python Support Course*, (Python), (6h), first year - S1, Computer Science, IUT/UGE.
Course description: Help students with basic programming in Python.

2019 - 2020 Part-time Lecturer

- *Algorithmic and Programming 2*, (Python), (48h), first year - S2, Mathematics and Computer Science, UGE.
- *Advanced Algorithmics*, (C), (12h), second year - S1, Computer Science, IUT/UGE.

Teaching Experience (continued)

2018 - 2019 Lecturer and Research Assistant

- *Algorithmic and Programming 2*, (Python), (48h), first year - S2, Mathematics and Computer Science, UPEM.
- *Web Programming*, (48h), first year - S2, Mathematics and Computer Science, UPEM.
Course description: HTML, CSS, JavaScript.
- *Advanced Algorithmics*, (C), (12h), second year - S1, Computer Science, IUT/UPEM.
- *Introduction to C Programming*, (24h), second year - S1, Mathematics and Computer Science, UPEM.
Course description: Introduction to the C language, functions, matrices, files, structures, expressions in C, pointers, string manipulation.
- *Algorithmic and Programming 1*, (Python), (48h), first year - S1, Mathematics and Computer Science, UPEM.
Course description: Introduction to Python, variables, operations, values, conditions and Boolean expressions, repetition using while, functions, lists, sequences, dictionaries.

2017 - 2018 Part-time Lecturer

- *Algorithmic and Programming 2*, (Python), (24h), first year - S2, Mathematics and Computer Science, UPEM.
- *Initiation à la Programmation C*, (24h), second year - S1, Mathematics and Computer Science, UPEM.

2016 - 2017 Part-time Lecturer

- *Introduction to computer systems*, (Linux), (8h), first year - S1, Mathematics and Computer Science, UPEM.
- *Algorithmic and Programming 1*, (Python), (40h), first year - S1, Mathematics and Computer Science, UPEM.

References

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