

# KONSTANTINOS MARONIKOLAKIS

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## EDUCATION

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University College Dublin

2020 - present

PhD in Mathematics and Statistics

Thesis Title: Universality and Boundary Behaviour of Holomorphic Functions

Supervisor: Dr Myrto Manolaki

National and Kapodistrian University of Athens

2015 - 2019

BSc in Mathematics

Grade 8.93/10 (Excellent)

## ARTICLES

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- 7 S. Charpentier, M. Manolaki, and K. Maronikolakis. Invariance under composition of Abel universal functions. *In progress*, 2023
- 6 S. Charpentier, M. Manolaki, and K. Maronikolakis. Abel universal functions: Boundary behaviour and Taylor polynomials. *Preprint, arXiv:2310.05611*, 2023
- 5 K. Maronikolakis. Universal radial approximation in spaces of analytic functions. *J. Math. Anal. Appl.*, 512(1):126102, 2022
- 4 G. Gavrilopoulos, K. Maronikolakis, and V. Nestoridis. Universal Taylor series in several variables depending on parameters. *Comput. Methods Funct. Theory*, 22(2):261–275, 2022
- 3 K. Maronikolakis and G. Stamatiou. Universal power series of Seleznev with parameters in several variables. *Monatsh. Math.*, 195(3):477–488, 2021
- 2 M. Manolaki, K. Maronikolakis, and V. Nestoridis. One-sided extendability of bounded functions. *Complex Anal. Synerg.*, 7(15), 2021
- 1 K. Maronikolakis and V. Nestoridis. An extension of the universal power series of Seleznev. *Results Math*, 75(151), 2020

## CONFERENCE/SEMINAR TALKS

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- 7 Universality, Zeta-Functions, and Chaotic Operators Workshop, Centre International de Rencontres Mathématiques, France, August 2023
- 6 Advanced Courses in Operator Theory and Complex Analysis, Aristotle University of Thessaloniki, Greece, June 2023
- 5 Key Lemmas in Analysis and Dynamics, University College Dublin, Ireland, January 2023
- 4 Journée d'Analyse Harmonique, Aix - Marseille University, France, December 2022
- 3 One Day Function Theory Meeting, De Morgan House, UK, September 2022
- 2 Computational Methods and Function Theory, Federico Santa María Technical University, Chile (held virtually), January 2022
- 1 ComPlane: the next generation (held virtually), June 2021

Departmental talks:

- 4 Mathematics and Statistics Postgraduate Workshop, University College Dublin, Ireland, May 2022
- 3 Analysis seminar, University College Dublin, Ireland, April 2022 and April 2023 (twice)
- 2 Postgraduate Seminar Series, University College Dublin, Ireland (held virtually), April 2021
- 1 Complex and Harmonic Analysis Seminar, National and Kapodistrian University of Athens, Greece, May 2019

## CONFERENCE/SEMINAR PARTICIPATION

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- 13 One Day Function Theory Meeting, De Morgan House, UK, September 2023
- 12 34th International Workshop on Operator Theory and its Applications, University of Helsinki, Finland, July 2023
- 11 Topics in Complex Dynamics, Institute of Mathematics at the Universitat de Barcelona, Spain, June 2023
- 10 Second Congress of Greek Mathematicians, National Technical University of Athens, Greece, July 2022
- 9 Workshop in memory of Dimitris Gatzouras, National and Kapodistrian University of Athens, Greece, March 2022
- 8 Transcendental dynamics and beyond: Topics in Complex Dynamics, Centre de Recerca Matemàtica (held virtually), April 2021
- 7 AMS/MAA Joint Mathematics Meetings, Washington, D.C., USA (held virtually), January 2021
- 6 LMS lectures on Holomorphic Dynamics, London Mathematical Society, UK (held virtually), October - December 2020
- 5 RIA Hamilton Masterclass with Professor Terence Tao, Royal Irish Academy, Ireland (held virtually), October 2020
- 4 AMS Fall Southeastern Sectional Meeting, University of Tennessee at Chattanooga, USA (held virtually), October 2020
- 3 Analysis seminar, University College Dublin, Ireland, 2020 - present
- 2 Complex Analysis videoseminars, University College London, UK (held virtually), 2020 - present
- 1 Seventh Summer School in Operator Theory, National and Kapodistrian University of Athens, Greece, July 2018

## CONFERENCE/SEMINAR ORGANIZING

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- 1 Mathematics and Statistics Postgraduate Workshop, University College Dublin, Ireland, May 2023

## GRANTS/AWARDS

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- 2 Irish Research Council Ulysses Award 2022
- 1 Irish Research Council Government of Ireland Postgraduate Scholarship: Funding for doctoral studies in Ireland, 2020 - 2024

## OTHER

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- 2 Outreach Activity as part of Maths Week 2022, University College Dublin, Ireland, October 2022
- 1 Tutor for Junior Mathematical Enrichment (advanced mathematics classes for secondary school students), University College Dublin, Ireland, 2022 - 2023