Christina Vasilakopoulou

EMPLOYMENT

EMPLOY	MENI	
Sep 2022 – n	ow	National Technical University of Athens
Jun 2019 – A	ug 2022	Assistant Professor, School of Applied Mathematical and Physical Sciences University of Patras, Greece
Oct 2017 – Ji	ıne 2019	Researcher, Department of Mathematics University of Calfornia at Riverside (USA)
Oct 2016 – S	ep 2017	Visiting Assistant Professor, Department of Mathematics Université Libre de Bruxelles (Belgium)
Oct 2015 – Ji	ın 2016	Postdoctoral Fellow, Department of Mathematics Massachusetts Institute of Technology (USA) Postdoctoral Associate, Department of Mathematics
May – Sep 20	015	Athens University of Economics and Business (Greece) Postdoctoral Researcher, Department of Informatics
Sep 2014 – Feb 2015		University of Hawaii at Manoa (USA) Postdoctoral Research Fellow, Department of Information and Computer Sciences
EDUCAT	ION	
2010 – 2014		University of Cambridge (UK) – PhD in Category Theory Supervisors: Martin Hyland, Ignacio Lopez Franco
2009 – 2010 2005 – 2009		University of Cambridge (UK) – MASt in Mathematics University of Patras (Greece) – Ptychion in Mathematics (B.Sc.) Direction: Pure Mathematics, Final mark: 9,26/10 "Excellent"
<u>PAPERS</u>		
2024		sambino, Richard Garner and Christina Vasilakopoulou, <i>Monoidal Kleisli Bicategories</i> arithmetic Product of Coloured Symmetric Sequences, Documenta Mathematica (3) 29.
2024	Vasileios	Aravantinos-Sotiropoulos and Christina Vasilakopoulou, Enriched duality in double II: modules and comodules.
2022	John C. E	Baez, Kenny Courser and Christina Vasilakopoulou, <i>Structured versus Decorated Cospans</i> , itionality (3) 4.
2021	Mitchell	Buckley, Timmy Fieremans, Christina Vasilakopoulou and Joost Vercruysse, <i>Oplax ebras</i> , Higher Structures 5, no. 1.
2021	Sweedler	Buckley, Timmy Fieremans, Christina Vasilakopoulou and Joost Vercruysse, <i>A Larson-Theorem for Hopf V-categories</i> , Advances in Mathematics 376.
2021	Cyber-Ph	Bakirtzis, Cody H. Fleming and Christina Vasilakopoulou, <i>Categorical Semantics of ysical Systems Theory</i> , ACM Transactions on Cyber-Physical Systems (3) 5.
2020	Applicat	ller and Christina Vasilakopoulou, Monoidal Grothendieck Construction, Theory and ions of Categories 35, no. 31.
2020	Physical S	Bakirtzis, Christina Vasilakopoulou and Cody H. Fleming, <i>Compositional Cyber-Systems Modeling</i> , ACT 2020, Electronic Proceedings in Theoretical Computer Science.
2020	and enric	
2020	Applied	Schultz, David Spivak and Christina Vasilakopoulou, Dynamical Systems and Sheaves, Categorical Structures 28, no.1.
2019	Journal o	A Vasilakopoulou, Enriched duality in double categories: V-categories and V-cocategories, of Pure and Applied Algebra 223, no. 7.
2018	tielle, (4)	
2017	noids and	Hyland, Ignacio Lopez Franco and Christina Vasilakopoulou, <i>Hopf measuring como-</i> <i>enrichment</i> , Proceedings of the London Mathematical Society, (3) 115.
2017	enrichmen	
2017		schultz, David Spivak, Christina Vasilakopoulou and Ryan Wisnesky, <i>Algebraic Data</i> eory and Applications of Categories, volume 32.

2016	Vasilis Spyropoulos, Christina Vasilakopoulou and Yannis Kotidis, Digree: A Middleware for
	Distributed Graph Pattern Matching, Proceedings of IEEE Big Data.
2014	Christina Vasilakopoulou, Generalization of Algebraic Operations via Enrichment, PhD thesis.
2012	Christina Vasilakopoulou, Enrichment of Categories of Algebras and Modules.

SELECTED TALKS

2023	CT2023 (International Category Theory Conference), UCLouvain, Belgium
	Talk: Sweedler theory for double categories
2023	Topos Institute Colloquium (online)
	Talk: Dual algebraic structures and enrichment
2022	Virtual Double Categories Workshop (online)
	Talk: Monoidal Kleisli double categories
2020	Algebra seminar at Masaryk University, Brno, Czech Republic (online)
	Talk: Oplax Hopf Algebras
2020	Colloquium of Department of Mathematics, Macquarie University, Australia
	Also in European Centre for Living Technology Seminar, University of Venice, Italy (2019)
	Talk: Wiring diagrams, a categorical formalism for systems modeling
2019	Fifth Symposium on Compositional Structures, University of Birmingham, UK
	Talk: The Dialectica category and related structures
2018	Riverside Mathematics Workshop for Excellence and Diversity, UCR, USA
	Talk: Hopf and Frobenius algebras: generalizations and the Larson-Sweedler Theorem
2018	CT2018, University of Azores, Portugal
	Talk: Monoidal Grothendieck Construction
2017	AMS Meeting, Special Session on Applied Category Theory, UCR, USA
	Talk: Abstract Dynamical Systems
2017	CT2017, UBC, Vancouver, Canada
	Talk: Hopf categories as Hopf monads in enriched matrices
2014	CT2014, University of Cambridge, UK
	Talk: Enriched Fibration
2013	CT2013, Macquarie University, Sydney
	Talk: Enrichment of V-categories in V-cocategories

MISCELLANEOUS

T 11.		
Editor	Cahiers de topologie et géométrie diffèrentielle catégoriques, Theory and Applications of	
	Categories	
Reviewer	dvances in Mathematics, Algebraic & Geometric Topology, Forum of Math: Sigma, Journa	
	of Algebra, Journal of Algebra and its Applications, Journal of Pure and Applied Algebra,	
	Journal of the London Mathematical Society, Mediterranean Journal of Mathematics	
Evaluator	Cambridge University Press, Czech Science Foundation	
2023	Chair of the scientific committee: ACT2023, University of Florida, Miami, USA	
2023	Organizing & program committee: PSSL107, National Technical University of Athens, Greece	
2021	Scientific committee: CT2021, University of Genova, Italy	
2020	Steering & program committee: ACT2020, MIT, USA, 6-10 July	
2017–2019	Primary instructor of 'Intro to College Mathematics for Business and Social Sciences', 'Intro	
	to College Mathematics for Sciences II', 'Calculus for Life Sciences II', 'First Year Calculus I,	
	II' and 'Calculus of Several Variables I', Department of Mathematics, UCR	
2019	Outstanding Teaching Award, Department of Mathematics, UCR, USA	
2019	Steering & program committee: ACT2019, University of Oxford, UK, 15-19 July	
2019	Organizing committee: CT2019, University of Edinburgh, UK, 7-13 July	
2017	Organizing committee: Brussels Hopf Algebra workshop, ULB, 29-30 August	
2010 - 2014	Supervisor (teaching assistant) for undergraduate courses Groups (Part IA) and Groups, Rings	
	and Modules (Part IB), University of Cambridge, UK	
2009 – 2014	George and Marie Vergotis Bursary (Cambridge Trusts), A.G.Leventis Foundation Scholar-	
	ship, Internal Graduate Studentship (Trinity College), Propondis Foundation Scholarship	
2005 – 2009	Scholarships of entrance (1st) and performance (1st), Department of Mathematics, University	
	of Patras, Greece – Institution of Government Scholarships (IKY)	