Marta Fiori Carones

Curriculum Vitae

PERSONAL DATA

Birth:	5/12/1991, Italy
Nationality:	Italian
Web page:	https://martafioricarones.github.io
Email:	marta.fioricarones@outlook.it
Address:	Institute of Mathematics
	University of Warsaw
	Banacha 2
	02-097 Warszawa, Poland

CURRENT POSITION

Postdoctoral fellow at the Institute of Mathematics, University of Warsaw

AREAS OF INTERESTS

Mathematical logic, reverse mathematics, foundations of mathematics, computability theory, philosophy of mathematics

EDUCATION

2016-2020	PhD in Mathematics, Università degli Studi di Udine, Dissertation: "Filling cages. Reverse mathematics and combinatorial principles" Supervisor: Prof. Alberto Marcone
2014-2016	MA (with distinction) in Philosophy, Università degli Studi di Milano Dissertation: "Il teorema di Tennenbaum e i modelli dell'aritmetica" (Tennenbaum's Theorem and Models of Arithmetic) Advisors: Prof. Silvio Bozzi, Prof. Edoardo Ballo
2010-2014	BA (with distinction) in Philosophy, Università degli Studi di Milano Dissertation: "Oggetti e strutture: diverse prospettive sui numeri naturali" (Structures and Objects: different perspectives on natural numbers) Advisor: Prof. Edoardo Ballo

EMPLOYMENT

09.2020-08.2021   Postdoctoral fellow
                          Institute of Mathematics, University of Warsaw

01-06.2020   Research assistant
                          Munich Center for Mathematical Philosophy, LMU Munich

INVITED TALKS

05.2020   *A theorem from Rival and Sands and reverse mathematics*
              Online seminar on Computability Theory and Applications
03.2020   *(Extra)ordinary equivalences with* ADS
              ASL North American Meeting, special session on reverse mathematics and computability theory of Ramsey-theoretic principles (cancelled)

CONTRIBUTED TALKS

05.2020   *Unique orderability of infinite interval graphs and reverse mathematics*
              Logic seminars, Università di Udine
12.2019   *An on-line algorithm to reorient pseudo-transitive graphs*
              informal Formal Methods Meetings, Università di Udine
08.2019   *A theorem of ordinary mathematics equivalent to* ADS
              16th International Congress on Logic, Methodology and Philosophy of Science and Technology, Prague
07.2019   *Reverse mathematics of a theorem about posets of finite width*
              Computability in Europe 2019, Durham
03.2019   *Catching the strength of a theorem about chains with nice properties in posets of finite width*
              Proofs, Constructions, and Computations Seminar, University of Leeds
08.2018   *The reverse mathematics of a theorem about subgraphs with nice properties*
              Computability in Europe 2018, Kiel
07.2018   *The strength of a theorem about subgraphs with nice properties*
              Logic Colloquium 2018, Udine
02.2018   *On the adjacency of vertices to the vertices of an infinite subgraph*
              Postgraduate Logic Seminar, University of Leeds
01.2018   *Interval graphs and reverse mathematics*
              Proofs, Constructions, and Computations Seminar, University of Leeds
10.2017   *Interval graphs and reverse mathematics*
              Forth Symposium on the Foundations of Mathematics, Munich

PUBLICATIONS

2020	Marta Fiori-Carones, Alberto Marcone, Uniquely orderable interval graphs (in preparation)
2020	Marta Fiori-Carones, Alberto Marcone, Paul Shafer, Giovanni Soldà, (Extra)ordinary equivalences with the Ascending/Descending Sequence principle (in preparation)
2020	Marianna Antonutti Marfori, Marta Fiori-Carones, Intensional aspects of computability theory (in preparation)
2020	Marta Fiori-Carones, Paul Shafer, Giovanni Soldà, An inside-outside Ramsey theorem and computability theory (submitted)
2019	Marta Fiori-Carones, Alberto Marcone, To reorient is easier than to orient: an on-line algorithm to reorient pseudo-transitive graphs (submitted)

GRANTS

2019	ASL, travel grant for Logic Colloquium 2019, Prague
2019	ASL, travel grant for Computability in Europe 2019, Durham
2018	Women in Computability, travel grant for Computability in Europe 2018, Kiel
2018	ASL, travel grant for Computability in Europe 2018, Kiel
2018	National University of Singapore, Graduate Summer School in Logic organised by IMS (Institute for Mathematical Sciences)
2018	ASL, travel grant for the conference "Ramsey's theory and computability", Rome
2017	AILA, XXVI Incontro AILA (Italian Association for Logic and Applications)
2017	ASL, travel grant for Logic Colloquium 2017, Stockholm
2017	Scandinavian Logic Society, Third Nordic Logic Summer School, Stockholm
2015	AILA, AILA Summer School of Logic
2-7.2015	Erasmus Placement, Department of Logic, History and Philosophy of Science, Universitat de Barcelona
2013	AILA, AILA Summer School of Logic

SUMMER SCHOOLS

2018	IMS Graduate Summer School in Logic, National University of Singapore
2017	Third Nordic Logic Summer School, University of Stockholm
2015	Logic Summer School organized by AILA (Italian Association for Logic and Applications)
2014	Logic Summer School organized by AILA
2013	Logic Summer School organized by AILA
2012	International Summer School in Cognitive Sciences and Semantics, University of Latvia

RESEARCH VISITS

01-03.2018	School of Mathematics, University of Leeds
01-05.2019	School of Mathematics, University of Leeds

TEACHING EXPERIENCES

05-06.2019	Teaching assistant for the course of Linear Algebra, BA degree in Internet of things and big data, Università di Udine, 12 hours
10-11.2018	Teaching assistant for the course of Principles of Mathematics, BA degree in Internet of things and big data, Università di Udine, 12 hours
05-06.2018	Teaching assistant for the course of Linear Algebra, BA degree in Internet of things and big data, Università di Udine, 12 hours
10-11.2017	Teaching assistant for the course of Principles of Mathematics, BA degree in Internet of things and big data, Università di Udine, 12 hours

MISCELLANEOUS

2018	Collector for Report of Dagstuhl Seminar "Measuring the Complexity of Computational Content: From Combinatorial Problems to Analysis"
2018	Member of local organizing committee of Logic Colloquium 2018

AFFILIATIONS

Associazione Italiana di Logica e sue Applicazioni, AILA
Association for Symbolic Logic, ASL
Computability in Europe, CiE

LANGUAGES

Italian	Mother tongue
English	Fluent
French	Good
Spanish	Good

REFERENCES

Leszek Kołodziejczyk, Uniwersytet Warszawski	lak@mimuw.edu.pl
Alberto Marcone, Università di Udine	alberto.marcone@uniud.it
Paul Shafer, University of Leeds	p.e.shafer@leeds.ac.uk