

Matija Tapušković

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- Education** **University of Oxford,**
DPhil in Mathematics (2017-)
Supervisor: Prof. Francis Brown
Topic: Motivic Galois theory of periods in quantum field theory
- University of Milan, Italy and University of Bordeaux, France,**
Master in Mathematics (2014-2016)
Double degree program in Algebra, Geometry and Number Theory (ALGANT)
Supervisor: Prof. Qing Liu (Bordeaux)
- University of Montenegro,**
BSc in Computer Science, final grade 9.18/10 (2010-2013)
- Research Articles** *Motivic Galois coaction and one-loop Feynman graphs*, accepted for publication in Commun. Number Theory Phys., available at [arXiv:1911.01540].
- Awards** ERC Studentship, grant: GALOP 724638 (University of Oxford, 2017-)
Erasmus +: Erasmus Mundus Scholarship (ALGANT, 2014-2016)
National scholarship for gifted undergraduates (Uni. of Montenegro, 2011-2013)
- Invited Talks** *Motivic coaction and cohomology with twisted coefficients*, Elliptics and Beyond, MITP Virtual Workshop (Mainz), 7-11 Sep. 2020.
Motivic coaction on one loop Feynman integrals and the sunset integral, Elliptics '19, Albert-Einstein Institute, Sep. 2019.
Motivic coaction on one loop Feynman integrals, Mathematics and Physics of quantum field theories junior seminar, Humboldt University, Berlin, 20 June 2019.
Motivic coaction on one loop Feynman integrals, Hamilton Mathematics Institute, Trinity College, Dublin, April 2019.
Mixed Hodge Structures and Feynman integrals, Junior Number Theory Seminar, University of Oxford, Nov. 2018.
- Selected Workshops and Conferences** *K-theory, algebraic cycles, and motivic homotopy theory*, Isaac Newton Institute, Cambridge, 13 - 17 Jan. 2020
Masterclass: Elliptic Motives, Stockholm Mathematics Centre, 20 - 24 May 2019.
Workshop on modular forms, periods and amplitudes, ETH Zurich, 8 - 12 April 2019.
Program on modular forms, periods and amplitudes, ETH Zurich, 24 - 31 March 2019.
Workshop on structures in local quantum field theory, Les Houches, 4 - 15 June 2018.
- Teaching** **University of Oxford,**
Lecturer in Mathematics, Corpus Christi College, Oxford, 2019-2022
Galois Theory B3.1, Mathematical Institute, MT 2019 (Class Tutor)
Algebraic Number Theory B3.4, Mathematical Institute, HT 2019 (Class Tutor)
Introduction to Schemes C2.6, Mathematical Institute, HT 2019 (TA)
Modular Forms C3.6, Mathematical Institute, HT 2018 (TA)
Galois Theory B3.1, Mathematical Institute, MT 2017 (TA)
- References** **Prof. Francis Brown**, All Souls College, Oxford francis.brown@all-souls.ox.ac.uk
Dr Erik Panzer, All Souls College, Oxford erik.panzer@all-souls.ox.ac.uk
Dr Clément Dupont, IMAG, Montpellier clement.dupont@umontpellier.fr