

# Matija Tapusković

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<b>Employment</b>	<b>Mathematical Institute, University of Oxford,</b> Postdoctoral Research Fellow, Sep 2022 – Sep 2025 Funded by: EPSRC Postdoctoral Open Fellowship Grant: Mellin motives, periods and high-energy physics  <b>Corpus Christi College, University of Oxford,</b> Junior Research Fellow, Oct 2022 – Sep 2025	
<b>Education</b>	<b>University of Oxford,</b> DPhil in Mathematics, Oct 2017 – Apr 2022 (submitted) Supervisor: Prof. Francis Brown Thesis: On the motivic Galois theory of some families of Feynman integrals  <b>University of Milan, Italy and University of Bordeaux, France,</b> Master in Mathematics, 2014 – 2016 Double degree program in Algebra, Geometry and Number Theory (ALGANT) French Master 2, degree classification: “Mention Bien” (high honours)  <b>University of Montenegro,</b> BSc in Computer Science, final grade 9.18/10, 2010 – 2013	
<b>Research Articles</b>	<i>Motivic Galois coaction and one-loop Feynman graphs</i> , Communications in Number Theory and Physics Vol. 15, 2 (2021), 221-278, available at <a href="https://arxiv.org/abs/1911.01540">arXiv:1911.01540</a> .	
<b>Awards</b>	ERC Studentship, awarded by the Mathematical Institute, Oxford, funded by grant: GALOP 724638, PI: Francis Brown (2017 – 2022) Erasmus Mundus Scholarship (ALGANT, 2014 – 2016) National scholarship for gifted undergraduates (University of Montenegro, 2011 – 2013)	
<b>Invited Talks</b>	<i>Towards a Galois theory of Mellin motives and dimensionally regularized Feynman integrals</i> , Seminar on motives and period integrals in QFT and String theory, IPhT CEA-Saclay, Paris, 27 Oct. 2021. <i>Motivic coaction and cohomology with twisted coefficients</i> , Elliptics and Beyond, MITP Virtual Workshop (Mainz), 7 – 11 Sep. 2020. <i>Motivic coaction on one loop Feynman integrals and the sunset integral</i> , Elliptics ‘19, Albert Einstein Institute, Sep. 2019. <i>Motivic coaction on one loop Feynman integrals</i> , Mathematics and Physics of QFT junior seminar, Humboldt University, Berlin, 20 June 2019. <i>Motivic coaction on one loop Feynman integrals</i> , Hamilton Mathematics Institute, Trinity College Dublin, April 2019.	
<b>Selected Workshops and Conferences</b>	<i>K-theory, algebraic cycles, and motivic homotopy theory</i> , INI, Cambridge, January 2020. <i>Masterclass: Elliptic Motives</i> , Stockholm Mathematics Centre, May 2019. <i>Program on modular forms, periods and amplitudes</i> , ETH Zurich, March-April, 2019. <i>Workshop on structures in local quantum field theory</i> , Les Houches, June 2018.	
<b>Teaching</b>	<b>University of Oxford,</b> Corpus Christi College: Non-stipendiary lecturer in Mathematics, 2019 – 2022. Mathematical Institute: B3.1 Galois Theory, MT 2019 (Class Tutor), B3.4 Algebraic Number Theory, HT 2019 (Class Tutor), C2.6 Introduction to Schemes, HT 2019 (TA), C3.6 Modular Forms, HT 2018 (TA), B3.1 Galois Theory, MT 2017 (TA).	