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## Curriculum Vitae – Max Elliot Hübner

Date and place of birth: 18.10.1994, Offenbach am Main, Germany  
Current position: DPhil student in Mathematics, University of Oxford  
Supervisor: Prof. Sakura Schäfer-Nameki

### Recent Educational Training

October 2017 – present DPhil Mathematics, University of Oxford  
October 2016 – September 2017 MAST Applied Mathematics, University of Cambridge  
October 2013 – September 2016 BSc Mathematical Physics, University of Würzburg

### Academic Scholarships and Awards

October 2020 Doctoral scholarship of the Oxford Mathematical Institute  
October 2017 Doctoral scholarship of the Studienstiftung des deutschen Volkes  
August 2017 Peterhouse Part III Award  
October 2016 Scholarship of the Deutscher Akademischer Austauschdienst  
October 2016 Scholarship for abroad studies, Studienstiftung des deutschen Volkes  
March 2015 Scholarship of the Studienstiftung des deutschen Volkes  
March 2015 Scholarship of the Max-Weber Stiftung  
October 2014 Deutschlandstipendium

### Language Skills

German Fluent, professional proficiency  
English Fluent, professional proficiency

## Publications

M. Hübner, *Local  $G_2$ -manifolds, Higgs Bundles and a Colored Quantum Mechanics*, (2020), arXiv:2009.07136 (submitted)

M. Hübner, *5d SCFTs from  $(E_n, E_m)$  Conformal Matter*, (2020), arXiv:2006.01694 (accepted, to appear in JHEP)

A. P. Braun, S. Cizel, M. Hübner and S. Schäfer-Nameki, *Higgs Bundles for M-theory on  $G_2$ -Manifolds*, JHEP 03 (2018) 199, arXiv:1812.06072

## Invited Talks and Workshops

December 2020 Seminar Series on String Phenomenology, *Probing Higgs Bundles for Local  $G_2$ -Manifolds*

December 2020 Journal Club at City, University of London, *Introduction to M-theory Compactification on  $G_2$ -Manifolds*

October 2020 AIM Workshop on Special Holonomy and Branes

August 2020 GLSMs – 2020, *M2-Branes, Local  $G_2$ -Manifolds and a Colored Quantum Mechanics*

## Conference Posters

July 2020 QFT and Geometry Summer School, virtual

September 2019 Geometry and Strings 2019, Oxford, England

July 2019 Strings 2019, Brussels, Belgium

## Teaching Experience

Trinity Term 2020 Special Relativity, Revision Classes

Hilary Term 2019 Dynamics

Trinity Term 2019 Special Relativity, Revision Classes

Hilary Term 2019 Dynamics

Trinity Term 2018 Conformal Field Theory, Revision Classes

Hilary Term 2018 Dynamics

## Organizational Roles

September 2019 Member of the Organizing Committee of Geometry and Strings 2019

2020/2021 Treasurer of the Oxford University Athletic Club