

Max Hübner  
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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 (Oxford)  
Supervisor: Prof. Sakura Schäfer-Nameki

### Recent Educational Training

01.10.2017 – present DPhil Mathematics, University of Oxford  
01.10.2016 – 30.09.2017 MAST Applied Mathematics, University of Cambridge  
01.10.2013 – 30.09.2016 BSc Mathematical Physics, University of Würzburg

### Academic Scholarships

01.10.2020 Doctoral scholarship of the Oxford Mathematical Institute  
01.10.2017 Doctoral scholarship of the Studienstiftung des deutschen Volkes  
01.10.2016 Scholarship of the Deutscher Akademischer Austauschdienst  
01.10.2016 Scholarship for abroad studies, Studienstiftung des deutschen Volkes  
01.10.2015 Scholarship of the Studienstiftung des deutschen Volkes  
01.10.2015 Scholarship of the Max-Weber Stiftung  
01.10.2014 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 (preparing for submission to JHEP)

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

26.10.2020 – 30.10.2020      AIM Workshop on Special Holonomy and Branes, virtual  
18.08.2020                      GLSMs – 2020, virtual, *M2-Branes, Local  $G_2$ -Manifolds and a Colored Quantum Mechanics*

## Conference Posters

16.07.2020      QFT and Geometry Summer School, virtual  
03.09.2019      Geometry and Strings 2019, Oxford, England  
09.07.2019      Strings 2019, Brussels, Belgium

## Teaching Experience

26.04.2020 – 19.06.2020      Special Relativity, Revision Classes  
18.01.2020 – 13.03.2020      Dynamics  
27.04.2019 – 20.06.2019      Special Relativity, Revision Classes  
20.01.2019 – 14.03.2019      Dynamics  
29.04.2018 – 22.06.2018      Conformal Field Theory, Revision Classes  
14.01.2018 – 09.03.2018      Dynamics

## Organizatorial Roles

Member of the Organizing Committee of Geometry and Strings 2019  
Treasurer of the Oxford University Athletic Club