

# STURMIUS TUSCHMANN

**Phone:** +49-15254042585

**Email:** s.tuschmann23@imperial.ac.uk

903 Weeks Hall, Department of Mathematics

16-18 Prince's Gardens, London SW7 1NE

## EDUCATION

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<b>PhD</b>	<b>Imperial College London, UK</b> Ph.D. in Mathematics of Random Systems (in progress) Supervisors: Dr Eyal Neuman, Prof. Johannes Muhle-Karbe	<i>10/23 – present</i>
<b>MSc</b>	<b>University of Münster, Germany</b> M.Sc. in Mathematics Supervisor: Prof. Michael Weiss	<i>10/21 – 07/23</i>
<b>BSc</b>	<b>University of Münster, Germany</b> B.Sc. in Mathematics with Distinction Supervisor: Prof. Michael Joachim	<i>10/18 – 09/21</i>

## ACADEMIC VISITS

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- **University of Oxford, UK** *10/23 – 09/24*  
Visiting Doctoral Student at the Mathematical Institute
- **Princeton University, US** *03/23 – 05/23*  
Visiting Student Research Collaborator at the Department of Mathematics
- **National University of Singapore, Singapore** *09/21 – 11/21*  
Research Intern at the Department of Mathematics

## PREPRINTS

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- Neuman E. and Tuschmann S., Stochastic Graphon Games with Memory, *arXiv:2411.05896*, (2024) (submitted)
- Neuman E. and Tuschmann S., The Mercer-Young Theorem for Matrix-Valued Kernels on Separable Metric Spaces, *arXiv:2403.18368*, (2024) (submitted)
- Abi Jaber E., Neuman E. and Tuschmann S., Optimal Portfolio Choice with Cross-Impact Propagators, *arXiv:2403.10273*, (2024) (submitted)
- Tuschmann S., Transversality and framed cobordism, *arXiv:2208.10579*, (2022) (submitted)

## AWARDS / FUNDING

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- Centre for Doctoral Training Studentship by the EPSRC *10/23 – present*
- PhD Travel Grant by G-Research *07/24*
- PROMOS Scholarship by the German Academic Exchange Service *03/23 – 05/23*
- Mathematics Münster Cluster of Excellence Study Abroad Scholarship *03/23 – 05/23*
- Princeton Visiting Student Research Collaborator Award *03/23 – 05/23*
- Deutschlandstipendium by the German Federal Government *10/22 – 09/23*
- PROMOS Scholarship by the German Academic Exchange Service *09/21 – 11/21*

## TALKS

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- Dolomites Winter School *01/25*  
Folgarida, Italy
- 19th BiGSEM Doctoral Workshop *12/24*  
Bielefeld, Germany
- Algo-trading and DeFi Workshop *11/24*  
Milan, Italy
- 7th Berlin Workshop on Mathematical Finance for Young Researchers *09/24*  
Berlin, Germany
- 12th World Congress of the Bachelier Finance Society *07/24*  
Rio de Janeiro, Brazil
- ETH - Hong Kong - Imperial Mathematical Finance Workshop *06/24*  
London, UK
- CDT Mathematics of Random Systems Spring School *04/24*  
Great Missenden, UK

## EXPERIENCE

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- **Imperial College London, UK**  
Graduate Teaching Assistant at the Department of Mathematics *10/24 – present*
- **University of Münster, Germany**  
Senior Teaching Assistant at the Department of Mathematics *04/22 – 03/23*  
Teaching Assistant at the Department of Mathematics *10/20 – 09/21*