

# Curriculum Vitae

Christopher Enno Hardy Lutsko

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## Contact Information

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## Education

2016-present	<b>University of Bristol (UoB)</b> PhD Student, Advisers: Jens Marklof & Bálint Tóth
2012-2016	<b>University of Texas at Austin (UT)</b> B.S Mathematics Honors Deans Scholars Honors Program

## Teaching Experience

Summer 2013	Undergraduate TA for Introductory Physics for Pre-Meds (PHY s302K+s102M) (UT)
Spring 2015	Volunteer chemistry tutor at Garza high school
Fall 2015	Undergraduate TA for Introduction to Mathematics (M302) (UT)
Spring 2016	Undergraduate TA for Introduction to Mathematics (M302) (UT)
Fall 2016	Tutor for 2 groups (Calculus & Computational Mathematics) (UoB)
Spring 2017	Tutor for 2 groups (Calculus & Mechanics) (UoB)
Fall 2017	Tutor for 2 groups (Analysis & Foundations and Proofs) (UoB)
Spring 2018	Tutor for 2 groups (Analysis & Introduction to Group Theory) (UoB)
Fall 2018	Teaching Assisstant (Measure Theory and Integration) (UoB)
Spring 2019	Problems Class (Probability II) (UoB)

## Publications

2012	<b>A microscopic approach to nonlinear Reaction-Diffusion: the case of morphogen gradient formation</b> , J.P. Boon, J.F. Lutsko, CL., Physical Review E
2018	<b>Directions in orbits of geometrically finite hyperbolic subgroups</b> CL., arXiv:1811.11054 [math.DS]
2018	<b>Invariance principle for the random Lorentz gas – beyond the Boltzmann-Grad limit</b> , CL., B. Tóth, arXiv:1812.11325 [math.PR]

## Academic Invitations

2017	1 week, Budapest University of Technology (BME)
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### Seminar Talks

03/2017	Dynamics Seminar - UoB
04/2017	Dynamics Seminar - Budapest University of Technology (BME)
12/2017	Probability Seminar - UoB
02/2018	Dynamics Seminar - University of Warwick
03/2018	Pure Postgraduate Seminar- UoB
10/2018	Dynamics Seminar - UoB
11/2018	Complex Systems and Statistical Mechanics Seminar - Université Libre de Bruxelles
12/2018	Linfoot Number Theory Seminar - UoB

### Conference Talks

09/2018	Dynamics Days Europe (Billiards Minisymposium) - Universty of Loughborough
09/2018	Probability and NonLocal PDEs - Universty of Swansea
03/2019	Mini-Workshop: Lorentz Gas Dynamics: particle systems and scaling limits - Mathematisches Forschungsinstitut Oberwolfach ( <i>Upcoming</i> )
09/2019	Large Scale Stochastic Dynamics - Mathematisches Forschungsinstitut Oberwolfach ( <i>Upcoming</i> )

### Other Skills

Programming Experience	Experience using: Python, Java, C++, LAMMPS, and Latex
Language Skills	Fluent in English, proficient in French and Spanish