

CONTACT DETAILS

Jan Oblój
 Professor of Mathematics
 Mathematical Institute, University of Oxford
tel: +44 (0)1865 270 124, *e-mail:* jan.obloj@maths.ox.ac.uk
www: www.maths.ox.ac.uk/people/jan.obloj

EMPLOYMENT

Jul 2015 - present | **Professor of Mathematics**, Mathematical Institute, University of Oxford
Official Fellow and Tutor in Mathematics, St John's College, Oxford
 Sep 2012 - Jun 2015 | **Associate Professor of Mathematical Finance**, Mathematical Institute, U. of Oxford
Official Fellow and Tutor in Mathematics, St John's College, Oxford
 Nov 2008 - Aug 2012 | **University Research Lecturer**
 Mathematical Institute, University of Oxford
 Oct 2006 - Oct 2008 | **Marie Curie Fellow**
 Department of Mathematics, Imperial College London
 Sep 2005 - Aug 2006 | **ATER** (Research and Teaching Assistant)
 Laboratoire de Probabilités, Université Paris 6

EDUCATION

Dec 2005 | **Ph.D. in Mathematics, Honours** (fr. *très honorable*)
 University Paris 6, France *and* University of Warsaw, Poland
 under direction of Marc Yor and co-direction of Stanisław Kwapien
 Jan 2004 | **M.A. in Sociology**
 thesis on game-theoretical approach to norms and control
 under direction of Grzegorz Lissowski; University of Warsaw, Poland
 Jun 2002 | **M.Sc. in Mathematics, Honours**
 under direction of Stanisław Kwapien; Warsaw University, Poland
 Mar 2002 | **M.Sc. in Probability Theory**
 under direction of Marc Yor; Université Paris 6, France

MAJOR GRANTS

2014 - 2018 | *European Research Council (ERC) Starting Grant*
 1,218,000 EUR – funded by the European Commission FP7: 335421-ROBUSTFINMATH
 2006 - 2008 | *Marie Curie Intra-European Fellowship* at Imperial College London
 152,000 EUR – funded by the European Commission FP6: MEIF-CT-2006-040623

OTHER GRANTS and FELLOWSHIPS

Fall 2019 | *International Visitor*, Sydney Mathematical Research Institute, 15,000 AUD
 Dec 2011 | *Bruti-Liberati Fellowship*, University of Technology, Sydney, Australia 7,700 AUD
 prior 2010 | *Travel and Research grants* totalling around 17,000 EUR

AWARDS and HONOURS

2022 | Elected *Vice-President of the Bachelier Finance Society*
 2015 | *Recognition of Distinction* – Professorial title award, University of Oxford, UK
 2010 | *Teaching Award*, University of Oxford, UK
 2004 | *Outstanding Young Scientist Prize*, 'Polityka Weekly' Foundation, Poland
 2017 | *Plenary invited talk* in the 8th General AMaMeF Conference, Amsterdam
 2014 | *Plenary invited talk* in the 5th SIAM Conference on Financial Mathematics & Engineering, Chicago

SUPERVISION and EXAMINING EXPERIENCE

POST-DOCS at University of Oxford:

Dr Tongseok Lim, 2016–2018; now Assistant Professor at Purdue University
 Dr Gaoyue Guo, 2016–2018; now a lecturer at Centrale Supélec, France
 Dr Anna Aksamit, 2015–2017; now a Lecturer at University of Sydney
 Dr Pietro Siorpaes, 2014–2016; now a Lecturer at Imperial College London

D.PHIL. STUDENTS at University of Oxford:

Benjamin Joseph, since 2021; supported by CDT Random Systems
 Johannes Wiesel, 2016–2020; now an Assistant Professor at Columbia University
 supported by my ERC grant and a DAAD scholarship;
 Zhaoxu Hou, 2012–2016, supported by Oxford-Man studentship; now at Goldman Sachs
 Peter Spoida, 2011–2014, supported by DAAD scholarship and Oxford-Man studentship
 now at Goldman Sachs
 Sigrid Källblad, 2009–2013; now an associate professor at Technical University of Vienna
 co-supervised by Thaleia Zariphopoulou (University of Texas)
 supported by Santander Graduate Scholarship and Dr Marcus Wallenberg's foundation
 Vladimir Cherny, 2009–2013, supported by Clarendon Scholarship; now at JP Morgan

M.SC. STUDENTS:

2008 - I supervised 25 M.Sc. thesis on the full time and part-time M.Sc. programmes
 present | in Mathematical and Computational Finance at University of Oxford
 2006 - I supervised 4 M.Sc. thesis on the full time M.Sc. programme
 2008 | in Mathematical and Computational Finance at Imperial College London

EXAMINING:

Chairman of the Part A Exam Board covering all of the 2nd year mathematics (2020-2021)
Prelims Examiner covering all of the 1st year mathematics (2018-2019)
Chairman of the Supervisory Committee for the MSc in Mathematical Finance (2015–2019)
Examiner for the MSc/Diploma in Mathematical Finance (2008–2013)
Examiner for numerous viva, transfer of status or confirmation D.Phil. (Ph.D.) exams
 Mathematical Institute, University of Oxford
 2014 - *External Examiner for MRes in Mathematical Sciences*
 2019 | Imperial College London
External Examiner for viva (Ph.D. defence)
 Imperial College London (2013), University of Cambridge (2014)

TEACHING EXPERIENCE

UNDERGRADUATE TEACHING

Oxford | *Probability, Measure and Martingales* (2nd year), *Continuous martingales and stochastic calculus*
 Warsaw | (3rd year), *Discrete-time Stochastic Processes with applications to Social Sciences*
 (3rd year). I designed and introduced the last two courses to the syllabus.

Oxford | I have extensive experience of teaching in small groups (classes, tutorials) on topics related to
 Paris | probability and mathematical finance from St John's College and the University of Oxford
 Warsaw | and also from University of Warsaw and Université Paris 6

GRADUATE TEACHING at University of Oxford:

Oxford | I have extensive experience teaching core and optional courses at full and part-time MSc programs,
 and on the intensive courses for visiting students from University of Singapore & University of Nanjing
 Courses taught included: *Financial Derivatives, Fixed Income Markets, Risk and Decision Theory,*
Market Microstructure and Algorithmic Trading, Martingales & Measure changes

INVITED GRADUATE LECTURE COURSES:

2014 | Lecture (8h) in German–Polish summer school organised by RTG1845 Berlin–Potsdam and IMPAN
 2013 | Lectures (8h) at the Chinese University of Hong-Kong
 2012 | Lecture (8h) at the 5th European Summer School in Financial Mathematics

ORGANISATION OF SEMINARS AND CONFERENCES

Mar 2022	Co-organiser of BIRS Workshop 20w5229 <i>Stochastic Mass Transfers</i> , Banff
Sep 2021 & Oct 2019	Co-organiser of CIRM Workshop <i>Advances in Stochastic Analysis for Handling Risks in Finance and Insurance</i> , Marseille
Sep 2018 & Mar 2010	Member of the Scientific Committee and the main organiser of a major international conference on <i>Robust Techniques in Quantitative Finance</i> in Oxford.
Sep 2017 & Mar 2016	Co-organiser of Workshop on <i>Skorokhod embeddings, Martingale Optimal Transport and their applications</i> hosted in Oxford and supported by my ERC grant.
Nov 2016	Member of the Organising Committee for the <i>Sixth SIAM Conference on Financial Mathematics and Engineering</i> , Austin, TX, USA
Sep 2014	Main organiser of the 7 th <i>European Summer School in Financial Mathematics</i> hosted by the Oxford-Man Institute, Nomura Centre of Mathematical Finance and the Mathematical Institute, University of Oxford
2010 - 2018	Co-organiser of the flagship weekly seminar Mathematical and Computational Finance Group, University of Oxford
Jun 2011	Organiser of an Invited Session during the 35 th Conference on Stochastic Processes and Their Applications (SPA), Oxaca, Mexico
Jun 2007	Member of the Program Committee and Session Organiser <i>Skorokhod Space 50 years on</i> Conference in Kyiv, Ukraine

PROFESSIONAL SERVICES

Editorial positions	Guest co-editor, <i>Mathematical Finance</i> 31(4), (2021) <i>special issue dedicated to the memory of Mark H. A. Davis</i> Associate Editor, <i>Finance and Stochastics</i> (since 2020) Associate Editor, <i>Stochastic Processes and Their Applications</i> (since 2015) Associate Editor, <i>Mathematical and Financial Economics</i> (since 2014) Associate Editor, <i>SIAM Journal on Financial Mathematics</i> (since 2014) Associate Editor, <i>Applied Mathematical Finance</i> (since 2013)
Leadership & committee work	Vice-President, Bachelier Finance Society (2022-) Chairmen of the <i>Meetings Committee</i> (2020-), Bachelier Finance Society Member of the <i>Finance and Estates</i> Committees (2014-2020), St John's College Oxford Member of the <i>Executive Committee</i> (2009-2016) and <i>Research Committee</i> (2009-2013) Oxford-Man Institute of Quantitative Finance, University of Oxford
Recruitment panel member	President, St John's College Oxford, 2020 Principal Bursar, St John's College Oxford, 2020 Associate Professor, University of Oxford, 2016 & 2018 Supernumerary Lecturer in Mathematics, St John's College Oxford, 2014 & 2020 Post-doc, Mathematical Institute, University of Oxford, 2011, 2012, 2018 Senior Research Fellow, Oxford-Man Institute of Quantitative Finance, 2011 & 2012
<i>chairman</i>	Post-doc (PDRA), Mathematical Institute, University of Oxford, 2014 & 2016
Evaluation panels	Expert for the Ministry of Higher Education of Luxembourg for their comprehensive evaluation of University of Luxembourg (one out of three mathematicians), Sep 2016 Member of the Expert Panel, National Science Centre, Poland, 2020
Referee services	<i>Finance and Stochastics</i> , <i>Mathematical Finance</i> , <i>Annals of Applied Probability</i> , <i>Séminaire de Probabilités</i> , <i>Stochastics (Int. J. Prob. Stoch. Proc.)</i> , <i>Stochastic Processes and their Applications</i> , <i>Studia Mathematica</i> , <i>Annales IHP</i> , <i>Electronic Communications in Probability</i> , <i>Mathematical Reviews (AMS)</i> , <i>Applied Mathematical Finance</i> , <i>Canadian Mathematical Bulletin</i> , <i>Zentralblatt MATH</i> , <i>SIAM Journal on Control and Optimization</i> , <i>Probab. Theory Related Fields</i> , <i>Inventiones Mathematicae</i> , <i>SIAM Journal on Financial Mathematics</i> , <i>JEMS</i>

SELECTED INVITED TALKS IN CONFERENCES

Apr 2021	XVI Probability Conference, Będlewo, Poland
Dec 2019	(Plenary) “The Quantitative Methods in Finance 2019 Conference”, Sydney, Australia
Apr 2019	“Waterloo Conference in Statistics, Actuarial Science and Finance”, Waterloo, Canada
Nov 2018	“Research in Options” (IMPA Conference), Buzios, Brazil
May 2018	“Byrne Workshop on Stochastic Analysis in Finance and Insurance”, Ann Arbor, USA
May 2018	“Stochastic Analysis and Mathematical Finance” CMO-BIRS Workshop, Oaxaca, Mexico
Jun 2017	(Plenary) “8 th General AMaMeF Conference”, Amsterdam, Netherlands
May 2017	“Optimal Transport meets Probability, Statistics and Machine Learning” CMO-BIRS Workshop
Nov 2016	“Robust Finance and Model Uncertainty” conferences, Milan, Italy
May 2016	“Stochastic Analysis and Mathematical Finance” CMO-BIRS Workshop, Oaxaca, Mexico
Apr 2016	“Pathwise methods, Functional Calculus and Mathematical Finance” workshop, WPI, Vienna, Austria
Sep 2015	“Control & Optimisation UK” workshop, Oxford, UK
Mar 2015	The 5 th Workshop on “Mathematical Finance and Related Issues”, Osaka, Japan
Nov 2014	(Plenary) 5 th SIAM Conference on Financial Mathematics & Engineering, Chicago <i>one of nine plenary talks, details available at http://www.siam.org/meetings/fm14/</i>
May 2014	Mathematical Finance: Arbitrage and Portfolio Optimization, BIRS Workshop, Banff, Canada
May 2014	Stochastic Analysis in Finance and Insurance Workshop, MF Oberwolfach, Germany
Jul 2013	New Developments in Stochastic Analysis: Probability and PDE Interactions, Beijing, China
Jun 2013	UK Mathematical Finance Workshop, King’s College London, UK
Sep 2012	Workshop on Mathematical Finance and Related Issues, Kyoto, Japan
Jul 2012	SIAM Conference on Financial Mathematics, Minneapolis, USA
Jul 2012	6 th European Congress of Mathematics, Kraków, Poland
Dec 2011	(Plenary) Quantitative Methods in Finance (QMF) Conference, Sydney, Australia <i>The Bruti-Liberati lecture, details available at http://www.qfrc.uts.edu.au/Bruti-Liberati/</i>
Jul 2011	Mathematical Finance Minisymposium International Congress of Industrial and Applied Mathematics (ICIAM), Vancouver, Canada
Jan 2011	Stochastic Analysis in Finance and Insurance Workshop, Oberwolfach, Germany

SELECTED TALKS IN RESEARCH SEMINARS

Mar 2021	Bachelier Seminar, Paris
Sep 2020	Colloquium, Department of Mathematics, Florida State University
May 2020	Bachelier Finance Society One World Seminar
Sep 2019	Sydney Financial Mathematics Workshop, Sydney, Australia
Jan 2019	Mathematisches Kolloquium, University of Bielefeld, Germany
Nov 2018	“Perspectives from Academia and Industry: Synergies in financial research”, King’s College London
Oct 2018	Mathematical Finance Seminar, Jiao Tong University, Shanghai, China
Jul 2017	Bielefeld Stochastic Afternoon: Math-Finance Session, University of Bielefeld, Germany
Feb 2016	London Mathematical Finance Seminar, London, UK
Nov 2015	Decision Mathematics Seminar, Toulouse School of Economics, Toulouse, France
Nov 2014	Cambridge Finance Seminar, Cambridge, UK
Sep 2014	De Finetti Risk Seminar, Milan, Italy
Nov 2013	Berlin Probability Colloquium, Berlin, Germany
Sep 2013	Mathematical Finance Seminar, Department of Mathematics, Columbia University, NY, USA
Mar 2013	Colloquium, Department of Applied Mathematics, Polytechnic University, Hong Kong
Jan 2013	Probability Seminar, University of Warsaw, Poland
Nov 2011	Statistics & Probability Seminar, University of Bath, Bath, UK
Feb 2011	Finance and Stochastics Seminar, Imperial College London, UK
Sep 2010	Stochastic Seminar, Vrije Universiteit, Amsterdam, Netherlands
Nov 2009	Colloquium, Department of Mathematics, University of Vienna, Austria

JOURNAL ARTICLES

- [1] S. Hu, J. Oblój and X. Zhou, “A Casino Gambling Model under Cumulative Prospect Theory: Analysis and Algorithm”, *Manage. Sci.* forthcoming, available at SSRN:3779900.
- [2] I. Guo, G. Loeper, J. Oblój, S. Wang. ”Joint Modelling and Calibration of SPX and VIX by Optimal Transport,” *SIAM J. Financial Math.*, **22**:1, 1–31, 2022.
- [3] D. Bartl, S. Drapeau, J. Oblój and J. Wiesel. “Sensitivity analysis of Wasserstein distributionally robust optimization problems”, *Proc. R. Soc. A*, **477**: 20210176, 2021.
- [4] J. Oblój and J. Wiesel. “Distributionally robust portfolio maximisation and marginal utility pricing in discrete time”, *Math. Finance* **31**(4): 1454–1493, 2021.
- [5] J. Oblój and J. Wiesel. “A unified Framework for Robust Modelling of Financial Markets in discrete time,” *Finance Stoch.*, **25**: 427–468, 2021.
- [6] R. Lochowski, J. Oblój, D. Promel and P. Siorpaes. “Local times and Tanaka-Meyer formulae for càdlàg paths”, *Electron. J. Probab.* **26**, 2021.
- [7] S. Eckstein, G. Guo, T. Lim and J. Oblój, “Robust pricing and hedging of options on multiple assets and its numerics”, *SIAM J. Financial Math.* **12**(1): 158–188, 2021.
- [8] J. Oblój and J. Wiesel. “Statistical estimation of superhedging prices,” *Ann. Stat.* **49**(1): 508–530, 2021.
- [9] A. Aksamit, Z. Hou and J. Oblój, “Robust framework for quantifying the value of information for pricing and hedging,” *SIAM J. Financial Math.* **11**(1): 27–59, 2020.
- [10] L. Carassus, J. Oblój and J. Wiesel. “The robust superreplication problem: a dynamic approach,” *SIAM J. Financial Math.* **10**(4): 907–941, 2019.
- [11] M. Fukasawa and J. Oblój, “Efficient discretisation of stochastic differential equations,” *Stochastics* **92**(6): 833–851, 2020.
- [12] G. Guo and J. Oblój. “Computational Methods for Martingale Optimal Transport problems,” *Ann. App. Probab.*, **29**(9): 3311–3347, 2019.
- [13] M. Burzoni, M. Frittelli, Z. Hou, M. Maggis and J. Oblój, “Pointwise Arbitrage Pricing Theory in Discrete Time,” *Math. Oper. Res.* **43**(3): 1034–1057, 2019.
- [14] X. He, S. Hu, J. Oblój and X. Zhou. “Optimal Exit Time from Casino Gambling: Strategies of Pre-Committed and Naive Gamblers,” *SIAM J. Control Optim.* **57**(3): 1845–1868, 2019.
- [15] M. Beiglböck, T. Lim and J. Oblój. “Dual attainment for the martingale transport problem,” *Bernoulli* **25**(3): 1640–1658, 2019
- [16] A. Aksamit, S. Deng, J. Oblój and X. Tan. “Robust pricing–hedging duality for American options in discrete time financial markets,” *Math. Finance* **29**(3): 861–897, 2019.
- [17] X. He, S. Hu, J. Oblój and X. Zhou. “Two explicit Skorokhod embeddings for simple symmetric random walk,” *Stoch. Proc. Appl.* (online), **129**(9): 3431–3445, 2019.
- [18] A.M.G. Cox, J. Oblój and N. Touzi, “The Root solution to the multi-marginal embedding problem: an optimal stopping and time-reversal approach,” *Prob. Theory Relat. Fields* **173**: 211–259, 2019
- [19] S. Källblad, J. Oblój and T. Zariphopoulou. “Time-consistent investment under model uncertainty: the robust forward criteria,” *Finance Stoch.* **22**(4): 879–918, 2018.
- [20] Z. Hou and J. Oblój. “Robust pricing-hedging dualities in continuous time,” *Finance Stoch.* **22**(3): 511–567, 2018.

- [21] M. Davis, J. Oblój and P. Siorpaes. “Pathwise stochastic calculus with local times.” *Ann. Inst. H. Poincaré Probab. Statist.* **54**(1): 1–21, 2018.
- [22] J. Oblój and P. Spoida. “An Iterated Azéma-Yor Type Embedding for Finitely Many Marginals.” *Ann. Probab.* **45**(4): 2210–2247, 2017.
- [23] S. Nadtochiy and J. Oblój. “Robust Trading of Implied Skew.” *Inter. J. Theo. App. Finance* **20**: 1750008 [41 pp.], 2017.
- [24] X. He, S. Hu, J. Oblój and X. Zhou. “Path-Dependent and Randomized Strategies in Barberis’ Casino Gambling Model.” *Operations Research* **65**(1): 97–103, 2017.
- [25] K. Kardaras, J. Oblój and E. Platen, “The numeraire property and long-term growth optimality for drawdown-constrained investments,” *Math. Finance* **27**(1): 68–95, 2017.
- [26] A. Cox, Z. Hou and J. Oblój. “Robust pricing and hedging under trading restrictions and the emergence of local martingale models.” *Finance Stoch.* **20**(3): 669–704, 2016.
- [27] P. Henry-Labordère, J. Oblój, P. Spoida and N. Touzi. “The Maximum maximum of martingales with given marginals,” *Ann. Appl. Probab.* **26**(1): 1–44, 2016.
- [28] P. Guasoni and J. Oblój, “The incentives of hedge fund fees and high-water marks,” *Math. Finance* **26**(2): 269–295, 2016.
- [29] J. Oblój, P. Spoida and N. Touzi. “Martingale Inequalities for the Maximum via Pathwise Arguments.” in: C. Donati-Martin et al (eds.), *In Memoriam Marc Yor - Séminaire de Probabilité XLVIII*, LNM 2137, 227–247, Springer, 2015.
- [30] A. Cox and J. Oblój. “On joint distributions of the maximum, minimum and terminal value of a continuous uniformly integrable martingale.” *Stoch. Proc. Appl.* **125**(8): 3280–3300, 2015.
- [31] M. H. A. Davis, J. Oblój and V. Raval, “Arbitrage bounds for prices of weighted variance swaps,” *Math. Finance* **24**(4): 821–854, 2014.
- [32] A. M. G. Cox, D. Hobson and J. Oblój, “Utility theory front to back - inferring utility from agents’ choices,” *Inter. J. Theo. App. Finance* **17**(3): 1450018 [44 pp.], 2014.
- [33] V. Cherny and J. Oblój, “Portfolio optimisation under non-linear drawdown constraints in a semi-martingale financial model,” *Finance Stoch.* **17**(4): 771–800, 2013.
- [34] J. Oblój and F. Ulmer, “Performance of robust hedge of digital double barrier options,” *Inter. J. Theo. App. Finance* **15**(1): 1250003 [34 pp.], 2012.
- [35] L. Carraro, N. El Karoui and J. Oblój, “On Azéma-Yor processes, their optimal properties and the Bachelier-Drawdown equation,” *Ann. Probab.* **40**(1): 372–400, 2012.
- [36] A. M. G. Cox and J. Oblój, “Robust hedging of double no-touch barrier options,” *Finance Stoch.* **15**(3): 573–605, 2011.
- [37] A. M. G. Cox and J. Oblój, “Robust hedging of double touch barrier options,” *SIAM J. Financial Math.* **2**: 141–182, 2011.
- [38] A. M. G. Cox, D. Hobson and J. Oblój, “Time-homogeneous diffusions with a given marginal at a random time,” *ESAIM Probab. Statist.* **15**: 11–24, 2011.
- [39] J. Oblój and M. Pistorius, “On an explicit Skorokhod embedding for spectrally negative Lévy processes,” *J. Theoret. Probab.* **22**(2): 418–440, 2009.
- [40] M. Davis and J. Oblój, “Market completion using options,” w *Advances in Mathematics of Finance*, (L. Stettner, ed.), vol. 83 of *Banach Center Publ.*: 49–60, Polish Acad. Sci. Inst. Math., Warszawa, 2008.

- [41] A. M. G. Cox, D. Hobson and J. Oblój, “Pathwise inequalities for local time: applications to Skorokhod embeddings and optimal stopping,” *Ann. Appl. Probab.* **18**(5): 1870–1896, 2008.
- [42] A. M. G. Cox and J. Oblój, “Classes of measures which can be embedded in the Simple Symmetric Random Walk,” *Electron. J. Probab.*, **13**: 1203–1228, 2008.
- [43] J. Oblój, “An explicit solution to the Skorokhod embedding problem for functionals of excursions of Markov processes,” *Stoch. Proc. Appl.* **117**(4): 409–431, 2007.
- [44] J. Oblój, “The maximality principle revisited: on certain optimal stopping problems,” in *Séminaire de Probabilités XL*, vol. 1899 *Lecture Notes in Math.*: 309–328, Berlin: Springer, 2007.
- [45] J. Oblój, “A complete characterization of local martingales which are functions of Brownian motion and its maximum,” *Bernoulli* **12**(6): 955–969, 2006.
- [46] J. Oblój and M. Yor, “On local martingale and its supremum: harmonic functions and beyond,” in *From Stochastic Calculus to Mathematical Finance* (Y. Kabanov, R. Lipster, and J. Stoyanov, eds.), 517–534, Springer-Verlag, 2006.
- [47] J. Oblój, “The Skorokhod embedding problem and its offspring,” *Probab. Surv.* **1**: 321–390 (electronic), 2004.
- [48] J. Oblój and M. Yor, “An explicit Skorokhod embedding for the age of Brownian excursions and Azéma martingale,” *Stoch. Proc. Appl.* **110**(1): 83–110, 2004.

OTHER PUBLICATIONS

- [49] I. Guo, G. Loeper, J. Oblój, S. Wang. ”Optimal Transport for model calibration” *Risk: Cutting Edge*, Jan 2022.
- [50] J. Oblój and T. Zariphopoulou, “In memoriam: Mark H. A. Davis and his contributions to mathematical finance”, *Math. Finance* **31**(4): 1099-1110, 2021.
- [51] J. Oblój, “Skorokhod Embedding,” in *Encyclopedia of Quantitative Finance* (R. Cont, ed.), pp. 1653–1657, Wiley, 2010.
- [52] J. Oblój, “Fine tune your smile: Correction to Hagan et al.,” *Wilmott Magazine*, Wiley, May 2010.

PREPRINTS

- [53] J. Oblój and P. Siorpaes, “Structure of martingale transports in finite dimensions,” available at arXiv:1702.08433.