

Christian Konrad - Curriculum Vitae

CONTACT INFORMATION	University of Bristol Department of Computer Science Bristol BS8 1UB United Kingdom	Mobile: (+44) (0)7397190778 E-mail: christian.konrad AT bristol.ac.uk Web: http://www.christiankonrad.de
RESEARCH INTERESTS	Algorithmic theory of Big Data computation with a focus on Streaming Algorithms, Distributed Computing, and Communication Complexity	
POSITION	University of Bristol, Department of Computer Science, UK Senior Lecturer in Computer Science	since Aug. 2022
DEGREES	LIAFA (now IRIF), University Paris Diderot, Paris, France PhD in Computer Science, Advisor: Frédéric Magniez Thesis: “Computations on Massive Data Sets: Streaming Algorithms and Two-Party Communication” (awarded by University Paris-Sud)	Sep. 2009 - Aug. 2013
	Technical University of Munich, Garching, Germany Diplom-Informatiker Univ. (equivalent to Master of Science) in Computer Science with Mathematics as a minor	Oct. 2003 - Jun. 2008
PREVIOUS EMPLOYMENT AND INTERNSHIPS	University of Bristol, Dept. of Computer Science, Bristol Lecturer in Computer Science	Apr. 2018 - Jul. 2022
	University of Warwick, Computer Science Dept., Coventry Research Fellow, working with Artur Czumaj and Graham Cormode	Sep. 2016 - Mar. 2018
	Reykjavik University, Computer Science Dept., Iceland Postdoc in the group of Magnús M. Halldórsson	Sep. 2013 - Aug. 2016
	LRI, University Paris-Sud, France Internship, working with Frédéric Magniez	May - Jul. 2009
	INRIA, NACHOS team, Sophia Antipolis, France Research Engineer	Jun. 2008 - Apr. 2009
	INRIA, NACHOS team, Sophia Antipolis, France Internship, working on diploma thesis in scientific computing	Sep. 2007 - Jun. 2008
	Siemens Corporate Research, Princeton, NJ, USA Internship, working in medical imaging	Feb. - Jun. 2007
	KTH Stockholm, Sweden Exchange student, Erasmus program	Aug. 2005 - Jan. 2006
AWARDS	Best Newcomer Paper Award at ICDT 2012 Excellence PhD award “Jean-Pierre Aguilar”, provided by the Fondation CFM pour la recherche Contrat Doctoral from University Paris-Sud (declined)	~ 80,000 € ~ 60,000 €
LANGUAGES	German (native language), English (fluent), French (fluent)	

TEACHING EXPERIENCE	University of Bristol, Bristol, United Kingdom		
	COMS10017 Algorithms 1, Unit Director		2022/2023
	COMS10017 Algorithms 1, Unit Director		2021/2022
	COMSM0068 Advanced topics in theoretical computer science, responsibilities shared with Dr. Raphaël Clifford		2021/2022
	COMS10017 Algorithms, Unit Director		2020/2021
	COMSM0068 Advanced topics in theoretical computer science, responsibilities shared with Dr. Raphaël Clifford		2020/2021
	COMS10007 Algorithms, Unit Director		2019/2020
	COMS31900 Advanced algorithms, responsibilities shared with Dr. Raphaël Clifford		2019/2020
	COMS10007 Algorithms, Unit Director		2018/2019
	Reykjavik University, Reykjavik, Iceland		
	Graph theory, Lecturer		Jan. 2015 - May 2015
	University Paris Diderot, Paris, France		
	Teaching Assistant (French: demi-ATER), 96 hours per year Advanced object oriented programming, C++ programming, Finite automata, Software engineering		Sep. 2012 - Jul. 2013
	LRI, University Paris-Sud, Orsay, France		
Teaching Assistant (French: Moniteur), 64 hours per year Algorithms/C, Compilers and virtual machines Algorithms/C, Object-oriented programming Imperative programming, Compilers and virtual machines		Sep. 2009 - Jul. 2012 2011 - 2012 2010 - 2011 2009 - 2010	
PHD STUDENTS	Adithya Diddapur		2022 - 2026
	Cezar-Mihail Alexandru		2021 - 2024
	Kheeran Naidu		2020 - 2023
SUMMER INTERNSHIPS	Imran Zamin Ali	2nd year CS student	2022
	Ollie Mamuda	1st year math/CS student	2022
	Lidiya binti Khalil	2nd year Math/CS student	2019
THESES SUPERVISION	2022-2023		
	“Maximum Independent Set via Maximal Independent Queries”, Victor Traistaru, MEng CS		
	2021-2022		
	“Branch-and-Bound Approach for Set Cover”, Ben Bancroft, MEng Math/CS		
	“Evaluation of One-Pass Edge-Arrival Algorithms for Minimum Dominating Set and Set Cover”, Alex Carpenter, MEng Math/CS		
	“Streaming Algorithms for Maximum Independent Sets”, Samuel Chimbwandira, BSc Math/CS		
	“Edge-Degree-Constraint-Subgraphs And Their Applications”, Aidan Hancock, BSc Math/CS		
	“Auction Algorithm for Bipartite Graph Matching Problem”, Ivan Qin, MEng Math/CS		
	“Construction of Large Matchings via an Edge-Query Oracle”, Arun Steward, MEng Math/CS		
	2020-2021		
	“Dist. Algorithms for Bounded Tree-length Graphs”, Adithya Diddapur, MEng Math/CS		
	“Streaming Graph Colouring in Practice”, Emil Centiu, BSc CS		
“Beyond Greedy: Set Cover Approximations in Practice”, Razvan David, BSc CS			

2019-2020

“Constructing Large Matchings by Querying Maximal Matchings”, Lidiya binti Khalil, BSc Math/CS

“Streaming Set-cover Algorithms”, Michael Barlow, MEng CS

“Streaming Algorithms for l_0 -sampling”, Omar Barman, MEng Math/CS

“Star Detection in Data Streams”, Dom Hutchinson, 3rd year MEng Math/CS

2018-2019

“Algorithms for Online Checkpointing”, Michael Sheehan, MEng Math/CS

“Implementation and Evaluation of an LP-based multi-pass Streaming Algorithm for the Maximum Matching Problem”, Aatina Punjabi, MEng CS

“The Set-cover Problem in the Semi-streaming Model”, Charana Nandasena, MEng CS

“How Many of Your Friends Are Friends With Each Other?”, Kaijie Wang, MSc Adv. Comp.

“Super Fast Algorithms For Massive Graphs”, Amar Hussain, MSc CS

FUNDED PROJECTS	03/2021 - 02/2024	EPSRC New Investigator Award (EP/V010611/1)	£248,776
		“StreamDG: Streaming Processing of Massive Dynamic Graphs” (PI)	
	01/2021 - 12/2023	General Research Fund, Hong Kong	~ £80,000
		“Algorithmic Foundations of Distributed Large-Scale Graph Processing” (Co-I)	
SERVICE	2023	Grant proposal reviewer Agence nationale de la recherche (ANR, France)	
	2020	Programme Committee Member 37th Int. Symposium on Theoretical Aspects of Computer Science (STACS) 47th Int. Colloq. on Automata, Languages and Programming (ICALP), Track A	
	2019	Communication Chair 38th ACM Symposium on Principles of Distributed Computing (PODC) Grant proposal reviewer Israel Science Foundation (ISF)	
	2016	Conference Organization Committee 15th Scandinavian Symposium and Workshops on Algorithm Theory (SWAT)	

PEER REVIEW
ACTIVITIES

2023 SODA, SEA
2022 ITCS, STACS, IPCO, ESA (2x), Theoretical Computer Science (journal)
2021 SODA (2x), SOSA, CPM, PODC, ICALP, Theory of Computing Systems (journal), MFCS, DISC (2x), OPODIS
2020 SODA, ITCS, SoCG, STACS (2x), Journal for the ACM (journal), ICALP (3x), APPROX, ESA, DISC, FSTTCS
2019 SODA (2x), SoCG, ICALP, FOCS, ESA (3x), DISC (2x)
2018 SODA (3x), PODC, ICALP, SIROCCO, The Computer Journal (journal), Theory of Computing Systems (journal)
2017 SODA, STOC (2x), Algorithmica (journal), ICALP (2x), PODC (2x), FOCS, ISAAC, Trans. on Parallel Computing (journal), Trans. on Alg. (journal)
2016 Elec. J. of Combinatorics (journal), Acta Cybernetica (journal), SODA (3x), SPAA (4x), APPROX, ESA (2x), SIROCCO
2015 Acta Cybernetica (journal), Algorithmica (journal), ICALP (3x), TAMC, ESA
2014 SICOMP (journal), SIDMA (journal), SODA, STOC, STACS, SWAT (2x)
2013 ICALP, PODS, SODA, STACS
2012 ICALP, STACS

RESEARCH VISITS	Durham University, Durham, United Kingdom (1 week) Hosted by Victor Zamaraev	Jan. 2018
	Team Coati, Inria Sophia Antipolis, France (1 week) Hosted by David Coudert	Mar. 2016
	Université Pierre et Marie Curie, Paris, France (2 weeks) Hosted by Christoph Dürr	Nov. 2015
	Université Pierre et Marie Curie, Paris, France (2 weeks) Hosted by Christoph Dürr	Dec. 2014
	Padova University, Padova, Italy (1 week) Hosted by Francesco Silvestri	Sep. 2014
	Madalgo and CTIC, Aarhus University, Denmark (2 weeks) Hosted by Qin Zhang and Wei Yu	May 2012
	University of Waterloo, Waterloo, ON, Canada (3 months) Visiting PhD Student working with Ashwin Nayak	Feb., Mar., May 2011
	Brown University, Providence, RI, USA (1 month) Hosted by Claire Mathieu	Apr. 2011
INVITED WORKSHOP TALKS	“Algorithmic Theory for Big Data”, <i>Software Technologies Workshop</i> , Clevedon Hall, Clevedon, July, 2022.	
	“Randomized Greedy Matching in the Age of Massive Data Sets”, <i>AlgoUK</i> , invited speaker, University of Warwick, UK, September 2019.	
	“Distributed Minimum Vertex Coloring Approximation”, <i>Workshop on Data Summarization</i> , University of Warwick, UK, March 2018.	
	“Streaming Algorithms for Independent Sets”, <i>Shonan Workshop on Processing Big Data Streams</i> , Shonan Village, Japan, June 2017.	
	“Streaming XML”, <i>Nexus of Information and Computation Theories: Inference Problems Theme</i> , Paris, France, March 2016.	
	“On the Order of Graph Streams”, <i>International Symposium on Mathematical Programming</i> , Berlin, Germany, August 2012.	
	“Matching in randomly ordered Streams”, <i>TU Dortmund Workshop on Algorithms for Data Streams</i> , Dortmund, Germany, July 2012.	
“Language and Graph Problems in the Streaming Model”, <i>French - Israeli Workshop on Foundations of Computer Science</i> , Paris, France, May 2012.		
OUTREACH ACTIVITIES	Mathematical Society (Matrix) Bristol Talk: “Algorithmic Theory for Big Data”	April 2021
WORKSHOP TALKS WITH SELECTION	“Budget Error Correcting under Earth-Mover-Distance”, <i>French Complexity and Algorithms Workgroup (groupe de travail CoA)</i> , Paris, France, November 2012.	
	“Semi-Streaming Algorithms for Maximum Bipartite Matching with Few Passes”, <i>French Graphs and Algorithms Workgroup (groupe de travail graphes)</i> , Lyon, France, Nov. 2011.	

CONFERENCE
TALKS

- “Optimal Bounds for Dominating Set in Graph Streams”, *ITCS*, virtual conference, Jan.’22.
- “Frequent Elements with Witnesses in Data Streams”, *PODS*, virtual conference, June ’21.
- “Constructing Large Matchings via Query Access to a Maximal Matching Oracle”, *FSTTCS*, virtual conference, December 2020.
- “The Complexity of Symmetry Breaking in Massive Graphs”, *DISC*, Budapest, Hungary, October 2019.
- “Distributed Minimum Vertex Coloring and Maximum Independent Set in Chodal Graphs”, *MFCS*, Aachen, Germany, August 2019.
- “Detecting cliques in CONGEST networks”, *DISC*, New Orleans, USA, October 2018.
- “A Simple Augmentation Method for Matchings with Applications to Streaming Algorithms”, *MFCS*, Liverpool, UK, August 2018.
- “Brief Announcement: Distributed Minimum Vertex Coloring and Maximum Independent Set in Chodal Graphs”, *PODC*, Egham, UK, July 2018.
- “Preemptively Guessing the Center”, *ISCO*, Marrakesh, Morocco, April 2018.
- “Improved Distributed Algorithms for Coloring Interval Graphs with Application to Multicoloring Trees”, *SIROCCO*, Porquerolles, France, June 2017.
- “On the Power of Advice and Randomization for Online Bipartite Matching”, *ESA*, Aarhus, Denmark, August 2016.
- “Streaming Partitioning of Sequences and Trees”, *ICDT*, Bordeaux, France, March 2016.
- “Distributed Large Independent Sets on Bounded-independence Graphs”, *DISC*, Tokyo, Japan, October 2015.
- “Radio Aggregation Scheduling”, *ALGOSENSORS*, Patras, Greece, September 2015.
- “Maximum Matching in Turnstile Streams”, *ESA*, Patras, Greece, September 2015.
- “Distributed Algorithms for Coloring Interval Graphs”, *DISC*, Austin, USA, October 2014.
- “Robust Set Reconciliation”, *SIGMOD*, Snowbird, Utah, USA, June 2014.
- “Approximating Semi-matchings in Streaming and in Two-party Communication”, *ICALP*, University of Latvia, Riga, Latvia, July 2013.
- “Maximum Matching in Semi-Streaming with Few Passes”, *APPROX/RANDOM*, MIT, Cambridge, USA, August 2012.
- “The Streaming Complexity of Validating XML Documents”, *ICDT*, Berlin, Germany, March 2012.

GROUP SEMINAR
TALKS

- 2022 Joint Durham Liverpool Theory Seminar, virtual seminar
- 2021 IRIF, Université Paris Diderot theory seminar, France, virtual seminar
- 2020 Rutgers/DIMACS theory seminar, NJ, USA, virtual seminar
- 2019 Group seminar, Bristol University, Bristol, UK
- 2018 Algorithms and Complexity group, Durham University, Durham, UK
Combinatorics Seminar, Bristol University, Bristol, UK
Algorithms and Complexity Theory Seminar, Oxford University, Oxford, UK
- 2016 DIMAP, University of Warwick, Coventry, UK
ICE-TCS, Reykjavik University, Reykjavik, Iceland
IRIF, Université Paris Diderot, Paris, France
Coati, Inria Sophia Antipolis, Sophia Antipolis, France
- 2015 ICE-TCS, Reykjavik University, Reykjavik, Iceland
- 2014 ICE-TCS, Reykjavik University, Reykjavik, Iceland
University of Padova, Padova, Italy
- 2012 Lab for Foundations of CS, University of Edinburgh, Edinburgh, Scotland
MADALGO, Aarhus University, Aarhus, Denmark
- 2011 Brown University, Providence, RI, USA
University of Waterloo, Waterloo, ON, Canada
Dahu, ENS Cachan, Cachan, France
LIAFA, University Paris Diderot, Paris, France

CONFERENCE
PUBLICATIONS

- [C33] “Set Cover in the One-pass Edge-arrival Streaming Model” (with Sanjeev Khanna, Cezar Alexandru), *42nd ACM SIGMOD-SIGACT-SIGAI Symposium on Principles of Database Systems* (PODS 2023).
- [C32] “Improved Weighted Matching in the Sliding Window Model” (with Cezar Alexandru, Pavel Dvorak, Kheeran Naidu), *40th International Symposium on Theoretical Aspects of Computer Science* (STACS 2023).
- [C31] “Maximum Matching via Maximal Matching Queries” (with Kheeran Naidu, Arun Steward), *40th International Symposium on Theoretical Aspects of Computer Science* (STACS 2023).
- [C30] “Optimal Bounds for Dominating Set in Graph Streams” (with Sanjeev Khanna), *13th Innovations in Theoretical Computer Science Conference* (ITCS 2022).
- [C29] “On Two-pass Streaming Algorithms for Maximum Bipartite Matching” (with Kheeran Naidu), *Proceedings of the 24th International Workshop on Approximation Algorithms for Combinatorial Optimization Problems* (APPROX 2021).
- [C28] “Frequent Elements with Witnesses in Data Streams”, *40th ACM SIGMOD-SIGACT-SIGAI Symposium on Principles of Database Systems* (PODS 2021).
- [C27] “Streaming Set Cover in Practice” (with Michael Barlow, Charana Nandasena), *Symposium on Algorithm Engineering and Experiments* (ALENEX 2021).
- [C26] “Constructing Large Matchings via Query Access to a Maximal Matching Oracle” (with Lidiya Binti Khalil), *40th IARCS Annual Conference on Foundations of Software Technology and Theoretical Computer Science* (FSTTCS 2020).
- [C25] “Optimal Lower Bounds for Matching and Vertex Cover in Dynamic Graph Streams” (with Jacques Dark), *35th Computational Complexity Conference* (CCC 2020).
- [C24] “The Complexity of Symmetry Breaking in Massive Graphs” (with Sriram Pemmaraju, Talal Riaz, Peter Robinson), *Proceedings of the 33rd International Conference on Distributed Computing* (DISC 2019).

[C23] “Distributed Minimum Vertex Coloring and Maximum Independent Set in Chodal Graphs” (with Victor Zamaraev), *44th International Symposium on Mathematical Foundations of Computer Science (MFCS 2019)*.

[C22] “Independent Sets in Vertex-Arrival Streams” (with Graham Cormode, Jacques Dark), *Proceedings of the 46th International Colloquium on Automata, Languages and Programming (ICALP 2019)*.

[C21] “Detecting cliques in CONGEST networks” (with Artur Czumaj), *Proceedings of the 32nd International Conference on Distributed Computing (DISC 2018)*.

[C20] “A Simple Augmentation Method for Matchings with Applications to Streaming Algorithms”, *43rd International Symposium on Mathematical Foundations of Computer Science (MFCS 2018)*.

[C19] “Improved Massively Parallel Computation Algorithms for MIS, Matching, and Vertex Cover” (with Mohsen Ghaffari, Themis Gouleakis, Slobodan Mitrovic, Ronit Rubinfeld), *Symposium on Principles of Distributed Computing (PODC 2018)*.

[C18] “Brief Announcement: Distributed Minimum Vertex Coloring and Maximum Independent Set in Chodal Graphs” (with Victor Zamaraev), *Symposium on Principles of Distributed Computing (PODC 2018)*.

[C17] “Approximating the Caro-Wei Bound for Independent Sets in Graph Streams” (with Graham Cormode, Jacques Dark), *5th International Symposium on Combinatorial Optimization (ISCO 2018)*.

[C16] “Preemptively Guessing the Center” (with Tigran Tonoyan), *5th International Symposium on Combinatorial Optimization (ISCO 2018)*.

[C15] “Improved Distributed Algorithms for Coloring Interval Graphs with Application to Multicoloring Trees” (with Magnús M. Halldórsson), *Proceedings of the 24th International Colloquium on Structural Information and Communication Complexity (SIROCCO 2017)*.

Invited to TCS special issue

[C14] “The Densest k -Subhypergraph Problem” (with Eden Chlamtáč, Michael Dinitz, Guy Kortsarz, George Rabanca), *Proceedings of the 19th International Workshop on Approximation Algorithms for Combinatorial Optimization Problems (APPROX 2016)*.

[C13] “On the Power of Advice and Randomization for Online Bipartite Matching” (with Christoph Dürr, Marc Renault), *Proceedings of the 24th European Symposium on Algorithms (ESA 2016)*.

[C12] “Streaming Algorithms for Partitioning Sequences and Trees”, *Proceedings of the 19th International Conference on Database Theory (ICDT 2016)*.

[C11] “Brief Announcement: Local Independent Set Approximation” (with Marijke H. L. Bodlaender, Magnús M. Halldórsson, Fabian Kuhn), *Proceedings of the 2016 ACM Symposium on Principles of Distributed Computing (PODC 2016)*.

[C10] “Distributed Large Independent Sets on Bounded-independence Graphs” (with Magnús M. Halldórsson), *Proceedings of the 29th International Conference on Distributed Computing (DISC 2015)*.

[C9] “Radio Aggregation Scheduling” (with Rajiv Gandhi, Magnús M. Halldórsson, Hoon Oh, Guy Kortsarz), *11th International Symposium on Algorithms and Experiments for Wireless Sensor Networks (ALGOSENSORS 2015)*.

Invited to TCS special issue

[C8] “Limitations of Current Wireless Scheduling Algorithms” (with Magnús M. Halldórsson, Tigran Tonoyan), *11th International Symposium on Algorithms and Experiments for Wireless Sensor Networks (ALGOSENSORS 2015)*.

Invited to TCS special issue

[C7] “Maximum Matching in Turnstile Streams”, *Proceedings of the 23rd European Symposium on Algorithms (ESA 2015)*.

[C6] “The Minimum Vulnerability Problem on Graphs” (with Yusuke Aoki, Bjarni V. Halldórsson, Magnús M. Halldórsson, Takehiro Ito, Xiao Zhou), *Combinatorial Optimization and Applications - 8th International Conference (COCO A 2014)*.

Invited to JOCO special issue

[C5] “Distributed Algorithms for Coloring Interval Graphs” (with Magnús M. Halldórsson), *Proceedings of the 28th International Conference on Distributed Computing (DISC 2014)*.

[C4] “Robust Set Reconciliation” (with Di Chen, Ke Yi, Wei Yu, Qin Zhang), *Proceedings of the 2014 ACM SIGMOD International Conference on Management of Data (SIGMOD 2014)*.

[C3] “Approximating Semi-Matchings in Streaming and in Two-Party Communication” (with Adi Rosén), *Proceedings of the 40th International Colloquium on Automata, Languages and Programming (ICALP 2013)*.

[C2] “Maximum Matching in Semi-Streaming with Few Passes” (with Frédéric Magniez and Claire Mathieu), *Proceedings of the 15th International Workshop on Approximation Algorithms for Combinatorial Optimization Problems (APPROX 2012)*.

[C1] “Validating XML Documents in the Streaming Model with External Memory” (with Frédéric Magniez), *Proceedings of the 15th International Conference on Database Theory (ICDT 2012)*.

Invited to TODS special issue, Best Newcomer Paper Award

JOURNAL
PUBLICATIONS

[J13] “Distributed Minimum Vertex Coloring and Maximum Independent Set in Chordal Graphs” (with Victor Zamaraev), *Theoretical Computer Science*, 2022.

[J12] “Guessing Fractions of Online Sequences” (with Tigran Tonoyan), *Discrete Applied Mathematics*, 2022.

[J11] “Detecting cliques in CONGEST networks” (with Artur Czumaj), *Distributed Computing*, 2020.

[J10] “Radio Aggregation Scheduling” (with Rajiv Gandhi, Magnús M. Halldórsson, Hoon Oh, Guy Kortsarz), *Theoretical Computer Science (TCS)*, 2020.

[J9] “Limitations of Current Wireless Scheduling Algorithms” (with Magnús M. Halldórsson, Tigran Tonoyan), *Theoretical Computer Science (TCS)*, 2020.

[J8] “Improved Distributed Algorithms for Coloring Interval Graphs with Application to Multicoloring Trees” (with Magnús M. Halldórsson), *Theoretical Computer Science (TCS)*, 2020.

[J7] “The Densest k -Subhypergraph Problem” (with Eden Chlamtáč, Michael Dinitz, Guy Kortsarz, George Rabanca), *SIAM Journal of Discrete Mathematics (SIDMA)*, 2018.

[J6] “The triangle scheduling problem” (with Christoph Dürr, Zdeněk Hanzálek, Yasmina Seddik, René Sitters, Óscar C. Vásquez and Gerhard Woeginger), *Journal of Scheduling*, 2018.

[J5] “Computing Large Independent Sets in a Single Round” (with Magnús M. Halldórsson), *Distributed Computing*, 2018.

[J4] “Approximating Semi-Matchings in Streaming and in Two-Party Communication” (with Adi Rosén), *ACM Transactions on Algorithms (TALG)*, 2016.

[J3] “The Minimum Vulnerability Problem on Specific Graph Classes” (with Yusuke Aoki, Bjarni V. Halldórsson, Magnús M. Halldórsson, Takehiro Ito, Xiao Zhou), *Journal of Combinatorial Optimization*, 2016.

[J2] “Validating XML Documents in the Streaming Model with External Memory” (with Frédéric Magniez), *ACM Transactions on Database Systems (TODS)*, 2013. (special issue for invited papers from ICDT 2012)

[J1] “Two-constraint domain decomposition with Space Filling Curves”, *Parallel Computing*, 2011.

MANUSCRIPTS

[M2] “Robust Lower Bounds for Graph Problems in the Blackboard Model of Communication” (with Peter Robinson, Viktor Zamaraev).

[M1] “MIS in the Congested Clique Model in $O(\log \log \Delta)$ Rounds”.

POSTERS

[P1] “Distributed Maximum Independent Set and Minimum Vertex Coloring Approximation” (with Magnús M. Halldórsson, Marijke H. L. Bodlaender), *29th International Conference on Distributed Computing*, (DISC 2015).

REFERENCES

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Magnús M. Halldórsson, Professor, School of Computer Science, Reykjavik University

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