

Curriculum Vitae

Personal

Name: **Felix Brandt**
Date of birth: June 6, 1973 (Freiburg im Breisgau, Germany)
Marital status: married, two children
Address: Department of Computer Science
School of Computation, Information and Technology
Technical University of Munich
Boltzmannstr. 3
85748 Garching, Germany
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Research Positions

2010– **Professor (Technische Universität München (TUM), Germany)**
Decision Sciences and Systems: Algorithmic Game Theory
Department of Computer Science
Secondary appointment at Department of Mathematics since 2012
2005–2010 **Assistant professor (Ludwig-Maximilians-Universität München (LMU), Germany)**
Preference Aggregation in Multiagent Systems Group
2004–2005 **Post-doctoral research fellow (Stanford University, USA)**
Multiagent Group (Prof. Yoav Shoham, Ph.D.)
2003–2004 **Post-doctoral research fellow (Carnegie Mellon University (CMU), USA)**
Agent-Mediated Electronic Marketplaces Group (Prof. Tuomas Sandholm, Ph.D.)
1999–2003 **Graduate student and research assistant (TUM)**
Chair for Theoretical Computer Science and Foundations of Artificial Intelligence
(Prof. Dr. Dr. h.c. mult. Wilfried Brauer)

Education

January 2010 **Habilitation, Computer Science (LMU)**
Thesis title: *“Tournament Solutions – Extensions of Maximality and their Applications to Decision-Making”*
Referees: Prof. M. Hofmann, Ph.D., Prof. J.-F. Laslier, Prof. Dr. M. Schottenloher
August 2003 **Doctoral degree, Computer Science, *summa cum laude* (TUM)**
Thesis title: *“Fundamental Aspects of Privacy and Deception in Electronic Auctions”*
Thesis committee: Prof. Dr. Dr. h.c. mult. W. Brauer (advisor), Prof. Dr. M. Bichler
August 1998 **Diploma, Computer Science (TUM)**
Major: Computer Science, minor: Mathematics
Thesis title: *“Example Selection for Learning in Automated Theorem Proving”*

Editorial Positions

2022–	Editor: Games and Economic Behavior
2020–	Managing Editor: Social Choice and Welfare
2014–2017	Associate Editor: Journal of Artificial Intelligence Research
2011–2019	Associate Editor: Social Choice and Welfare
2011–	Associate Editor: ACM Transactions on Economics and Computation
2010–2020	Associate Editor: Journal of Autonomous Agents and Multiagent Systems
2008–2016	Associate Editor: Mathematical Social Sciences
2013–	Editorial Board Member: Intelligent Systems book series

Program Committee Memberships

ACM EC	ACM Conference on Economics and Computation: 2023 <i>AI Track Chair</i> (London, UK), 2021 <i>Area Chair</i> (Budapest, Hungary), 2020 <i>Senior PC</i> (virtual), 2019 (Phoenix, Arizona, USA), 2017 <i>Senior PC</i> (Cambridge, Massachusetts, USA), 2016 <i>Senior PC</i> (Maastricht, The Netherlands), 2014 <i>Senior PC</i> and <i>Chair of Best Paper Award Committee</i> (Palo Alto, USA), 2013 (Philadelphia, USA), 2011 <i>Senior PC</i> (San Jose, USA), 2010 (Boston, USA), 2008 (Chicago, USA), 2007 (San Diego, USA)
IJCAI	International Joint Conference on Artificial Intelligence: 2021 <i>Area Chair</i> (Montréal, Canada), 2020 <i>Senior PC</i> (virtual), 2018 <i>Senior PC</i> (Stockholm, Sweden), 2017 (Melbourne, Australia), 2016 <i>Senior PC</i> (New York City, USA), 2015 <i>Senior PC</i> (Buenos Aires, Argentina), 2013 <i>Senior PC</i> (Beijing, China), 2011 <i>Senior PC</i> (Barcelona, Spain), 2009 (Pasadena, USA)
AAMAS	International Joint Conference on Autonomous Agents and Multiagent Systems: 2018 <i>Area Chair</i> (Stockholm, Sweden), 2016 (Singapore), 2015 (Istanbul, Turkey), 2012 <i>Senior PC</i> (Valencia, Spain), 2009 (Budapest, Hungary), 2008 <i>Senior PC</i> (Estoril, Portugal), 2007 (Honolulu, USA), 2006 (Hakodate, Japan)
AAAI	AAAI Conference on Artificial Intelligence: 2021 <i>Area Chair</i> (virtual), 2020 <i>Area Chair</i> (New York, USA), 2019 <i>Senior PC</i> (Honolulu, USA), 2010 <i>Senior PC</i> (Atlanta, USA), 2008 (Chicago, USA), 2007 (Vancouver, USA)
COMSOC	International Workshop on Computational Social Choice: 2023 (Beersheba, Israel), 2016 (Toulouse, France), 2014 (Pittsburgh, USA), 2012 (Krakow, Poland), 2010 (Düsseldorf, Germany), 2008 (Liverpool, UK)
SAGT	International Symposium on Algorithmic Game Theory: 2018 (Beijing, China), 2015 (Saarbrücken, Germany), 2013 (Aachen, Germany), 2009 (Paphos, Cyprus)
SCW	Meeting of the Society for Social Choice and Welfare: 2014 (Boston, USA), 2012 (New Delhi, India)
EXPLORE	Workshop on Exploring Beyond the Worst Case in Computational Social Choice: 2016 (Singapore), 2014 (Paris, France)
CEC	International IEEE Conference on E-Commerce Technology: 2005 (Munich, Germany), 2004 (San Diego, USA)

AI ³	AAMAS-IJCAI Workshop on Agents and Incentives in AI: 2018 (Stockholm, Sweden)
ADT	International Conference on Algorithmic Decision Theory: 2015 (Kentucky, USA)
PRIMA	International Conference on Principles and Practice of Multi-Agent Systems: 2015 (Bertinoro, Italy)
STACS	International Symposium on Theoretical Aspects of Computer Science: 2012 (Paris, France)
VoteID	International Conference on E-Voting and Identity: 2011 (Tallinn, Estonia)
RAMiCS	International Conference on Relational and Algebraic Methods in Computer Science: 2011 (Rotterdam, The Netherlands)
ECAI	European Conference on Artificial Intelligence: 2010 (Lisbon, Portugal)
TARK	Biennial Conference on Theoretical Aspects of Rationality and Knowledge: 2009 (Palo Alto, USA)
SOFSEM	International Conference on Current Trends in Theory and Practice of Computer Science (Special Track on Game Theoretic Aspects of E-Commerce): 2009 (Špindlerův Mlýn, Czech Republic)
CIA	International Workshop on Cooperative Information Agents: 2008 (Prague, Czech Republic)
M-PREF	Multidisciplinary Workshop on Advances in Preference Handling: 2008 (Montpellier, France)
WINE	International Workshop on Internet and Network Economics: 2007 (San Diego, USA)
EUMAS	European Workshop on Multi-Agent Systems: 2007 (Hammamet, Tunisia)
AMEC	International Workshop on Agent-Mediated Electronic Commerce: 2007 (Honolulu, USA)
CISC	SKLOIS Conference on Information Security and Cryptology: 2005 (Beijing, China)
FLAIRS	Florida Artificial Intelligence Research Society Conference: 2002 (Pensacola Beach, USA)

Refereeing: Research Funding Organizations

Alexander von Humboldt Stiftung (AvH), German Research Foundation (DFG), Einstein Foundation Berlin, European Research Council (ERC), European Science Foundation (ESF) College of Expert Reviewers, Israel Science Foundation (ISF), MacArthur Foundation, National Science Foundation (NSF), Nederlandse Organisatie voor Wetenschappelijk Onderzoek (NWO), Norwegian Academy of Science and Letters, Österreichischer Akademischer Austauschdienst (OeAD), Oxford University, Servizio Ricerca Università della Svizzera italiana et Scuola universitaria professionale della Svizzera italiana (USI), Swiss National Science Foundation (SNSF), U.S.-Israel Binational Science Foundation (BSF)

Refereeing: Journals

Annals of Operations Research, Autonomous Agents and Multi-Agent Systems, Artificial Intelligence, Discrete Applied Mathematics, Data & Knowledge Engineering, Decision Support Systems, Discrete Mathematics, Econometrica, Economics Bulletin, Economic Theory, Fundamenta Informaticae, Games & Economic Behavior, Homo Oeconomicus, Information Processing Letters, INFORMS Journal on Computing, International Economic Review, International Journal of Game Theory, International Journal of Pattern Recognition and Artificial Intelligence, Journal of AI Research, Journal of Economic Theory, Journal of Logic and Computation, Journal of Systems and Software, Journal of Zhejiang University Science, Mathematical Social Sciences, Mathematics of Operations Research, Nature, Operations Research, Public Choice, Research in Economics, Review of Economic Design, SIAM Journal on Computing, Social Choice and Welfare, Theoretical Computer Science, Theoretical Economics, IEEE Transactions on Dependable and Secure Computing, IEEE Transactions on Knowledge and Data Engineering, Wirtschaftsinformatik

Refereeing: Conferences

30th AAAI Conference on Artificial Intelligence (AAAI 2016), 43rd ACM Symposium on Theory of Computing (STOC 2011), 3rd International Symposium on Algorithmic Game Theory (SAGT 2010), 27th International Symposium on Theoretical Aspects of Computer Science (STACS 2010), 34th International Colloquium on Automata, Languages and Programming (ICALP 2007), 24th International Symposium on Theoretical Aspects of Computer Science (STACS 2007), 20th International Joint Conference on Artificial Intelligence (IJCAI 2007), 20th National Conference on Artificial Intelligence (AAAI 2005), 6th Annual ACM Conference on Electronic Commerce (EC 2005), 25th German Conference on Artificial Intelligence (KI 2002), 15th European Conference on Artificial Intelligence (ECAI 2002), 19th International Conference on Machine Learning (ICML 2002), 5th International Workshop on Cooperative Information Agents (CIA 2001)

Third-Party Funding

Total volume: € 6,423,971

May 2021	An Axiomatic and Computational Study of Probabilistic Social Choice (follow-up) Principal investigator, funded by DFG grant BR 2312/11-2 Volume: € 575,276
December 2017	Collective Choice Lotteries: Dealing with Randomization in Voting, Matching, and Allocation Principal investigator, funded by DFG grant BR 2312/12-1 Volume: € 1,220,000
August 2015	An Axiomatic and Computational Study of Probabilistic Social Choice Principal investigator, funded by DFG grant BR 2312/11-1 Volume: € 502,408
September 2011	Algorithmische Grundlagen der Social-Choice-Theorie Principal investigator, funded by DFG grant BR 2312/10-1

	<p>Joint project with Jörg Rothe (University of Düsseldorf), national follow-up to BR 2312/6-1 Total volume: € 656,200, Individual volume: € 328,100</p>
March 2011	<p>Preferences over Sets in Coalition Formation and Strategic Voting Principal investigator, funded by DFG grant BR 2312/9-1 Volume: € 213,600</p>
October 2009	<p>Algorithmic Game Theory Heisenberg Professorship, funded by DFG grants BR 2312/7-1 and BR 2312/7-2 Volume: € 489,600</p>
June 2008	<p>Computational Foundations of Social Choice Lead coordinator and principal investigator, coordinated by ESF (European Science Foundation), funded by DFG (German Research Foundation), ESRC (Economic and Social Research Council), ISF (Israel Science Foundation), NWO (Nederlandse Organisatie voor Wetenschappelijk Onderzoek), NSF (National Science Foundation), TÜBİTAK (Türkiye Bilimsel ve Teknolojik Araştırma Kurumu), grant BR 2312/6-1 Participants: Ullrich Endriss (University of Amsterdam), Jeffrey Rosenschein (Hebrew University, Jerusalem), Jörg Rothe (University of Düsseldorf), Remzi Sanver (Istanbul Bilgi University), Vincent Conitzer (Duke University, Durham), Edith Elkind (University of Southampton), Edith Hemaspaandra (Rochester Institute of Technology), Lane Hemaspaandra (University of Rochester), Jérôme Lang (Université Paul Sabatier, Paris), Jean-François Laslier (École Polytechnique, Paris), Nicolas Maudet (Université Paris-Dauphine) Total volume: € 1,689,206, Individual volume: € 478,850</p>
January 2005	<p>Preference Aggregation in Multiagent Systems Principal investigator, funded by DFG grants BR 2312/3-1, BR 2312/3-2, and BR 2312/3-3 Volume: € 1,010,273</p>
August 2003	<p>The Design of Secure Public Choice Protocols Research stipend, funded by DFG grant BR 2312/1-1 Volume: € 67,408</p>
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Miscellaneous	<p>DFG Reinhart Koselleck Project: grant for innovative, high-risk research (2017–) First DFG Heisenberg Professorship in computer science: award containing funds for establishing new professorship (2010–2015) DFG Aktionsplan Informatik (Emmy Noether program): young investigator award containing funds for research group (2005–2010) Elected member of the Council of the Society for Social Choice and Welfare (2016–2021) TUM Supervisory Award 2021 (Prize for best doctoral research supervision among more than 600 professors) Secondary appointment at TUM Department of Mathematics (2012–) TUM TopMath Supervisory Award 2022 for excellence in doctoral research supervision in the elite doctoral program TopMath</p>

TUM International School of Applied Mathematics Supervisory Award 2018 for excellence in doctoral research supervision (1st prize)

TUM TeachInf Awards 2014 and 2019 for “Computational Social Choice” (Best elective course in computer science)

TUM Computer Science Award for Best Teaching 2015, awarded to Johannes Hofbauer (Teaching assistant for “Algorithmic Game Theory”)

Board member of TopMath (elite doctoral program in mathematics within the Elite Network of Bavaria) (2019–)

Best student paper award ATAL 2001 (1 out of 70 submissions)

Best student paper award WINE 2021 for student co-authors M. Greger and C. Stricker (1 out of 153 submissions)

Best paper award nomination AAMAS 2021 (8 out of 612 submissions)

Best paper award nomination AAMAS 2016 (4 out of 550 submissions)

Best paper award nomination AAMAS 2010 (3 out of 685 submissions)

Distinguished Senior Program Committee Member IJCAI 2018

3rd place at CASC-15, Unit Equality Division (CADE ATP (Automated Theorem Prover) System Competition, 1998)

Program co-chair (jointly with H. Aziz, D. Manlove, and N. Mattei) of EXPLORE 2016

Program co-chair (jointly with P. Faliszewski) of COMSOC 2012

Steering Committee Member for COMSOC Workshop Series (2012–2016)

Co-Organizer (jointly with V. Conitzer, L. Hemaspaandra, J.-F. Laslier, and W. Zwicker) of Dagstuhl-Seminar “Computational Foundations of Social Choice” (2010)

Participant of ICT COST Action IC1205 on “Computational Social Choice” (2012–2016)

Panelist: “The Future of Negotiation” (ATAL 2001)

ParisTech research scholarship “Tournament Solutions” (joint proposal with Markus Brill and Jean-François Laslier, 2011)

Blog “Turing’s invisible hand” (jointly with Michal Feldmann, Jason Hartline, Bobby Kleinberg, Kevin Leyton-Brown, Noam Nisan, and Vijay Vazirani, 2014–)

Selected Talks

January 2024	“Coordinating Charitable Donations” (Invited Talk, Online Social Choice and Welfare Seminar)
October 2023	“Coordinating Charitable Donations” (Invited Talk, Conference on Voting Theory and Preference Aggregation, KIT Karlsruhe, Germany)
March 2023	“Donor Coordination: Collective Distribution of Individual Contributions” (Invited Talk, Microeconomics Seminar, ETH/UZH Zurich, Switzerland)

June 2022	"A Natural Adaptive Process for Collective Decision-Making" (Invited Talk, Hi!Paris Symposium on Artificial Intelligence and the Social Sciences, ENSAE, Paris, France)
May 2022	"A Natural Adaptive Process for Collective Decision-Making" (Invited Talk, Economics Seminar, University of Milano-Bicocca, Italy)
April 2022	"A Natural Adaptive Process for Collective Decision-Making" (Invited Talk, Microeconomics Research Seminar, University of Hamburg, Germany)
April 2022	"Computational Social Choice" (Invited Tutorial, Graduate Program Collective Decision-Making, University of Hamburg, Germany)
December 2021	"Stochastic Choice and Dynamics based on Pairwise Comparisons" (Invited Talk, Nobel Symposium "One Hundred Years of Game Theory", Stockholm, Sweden)
July 2021	"A Natural Adaptive Process for Collective Decision-Making" (Invited Talk, International Conference on "New Directions in Social Choice", Higher School of Economics, St. Petersburg, Russia)
June 2021	"Distribution Rules Under Dichotomous Preferences" (Invited Talk, Annual Meeting of the Society for the Advancement of Economic Theory)
March 2021	"A Natural Adaptive Process for Collective Decision-Making" (Invited Talk, COMSOC Video Seminar)
March 2021	"Justifying Optimal Play via Consistency" (Invited Talk, Economic Theory Seminar, Sorbonne Economics Centre, Paris, France)
March 2021	"Justifying Optimal Play via Consistency" (Invited Talk, Israeli Theory Seminar, Tel Aviv University and Hebrew University of Jerusalem, Israel)
February 2020	"A Theorist's View on Practical Preferential Voting Rules" (Invited Talk, Workshop on "The Mathematics of Decision Making: Voting Systems", Montréal, Canada)
December 2019	"Arrovian Aggregation of Convex Preferences" (Invited Talk, International Conference on Mathematical Optimization for Fair Social Decisions: A tribute to Michel Balinski, Paris, France)
June 2019	"Consistent Probabilistic Social Choice" (Invited Talk, 20th ACM Conference on Economics and Computation, Phoenix, USA)
May 2018	"Practical Preferential Voting Rules" (Invited Talk, Symposium on "Mathematics and Politics: Democratic Decision Making", Hanover, Germany)
June 2017	"On The Tradeoff between Efficiency and Strategyproofness" (Dagstuhl-Seminar "Voting: Beyond Simple Majorities and Single-Winner Elections", Germany)
May 2017	"Consistent Probabilistic Social Choice" (Invited Talk, 5th Annual Workshop "Decision: Theory, Experiments and Applications", Paris, France)
February 2017	"On the Tradeoff Between Efficiency and Strategyproofness" (Keynote, 4th Day on Computational Game Theory, Zurich, Switzerland)
February 2017	"Economics and Computation" (Invited Tutorial, Center for Doctoral Studies in Informatics and its Applications, TUM)
January 2017	"Probabilistic Social Choice" (Invited Talk, Workshop on Decision Making and Contest Theory, Ein Gedi, Israel)

December 2016	"Fishburn's Maximal Lotteries" (Invited Talk, Workshop on Mechanism Design, Singapore)
December 2016	"On the Tradeoff between Efficiency and Strategyproofness" (Computer Science Seminar, National University of Singapore)
October 2016	"Computational Social Choice" (Invited Tutorial, Autumn School on Computational Social Choice and Fair Division, St. Petersburg, Russia)
July 2016	"On the Tradeoff Between Efficiency and Strategyproofness" (5th World Congress of the Game Theory Society, Maastricht, The Netherlands)
November 2015	"Consistent Probabilistic Social Choice" (Algorithms Seminar, Oxford University, UK)
June 2015	"Fishburn's Maximal Lotteries: A randomized rule that is immune to splitting electorates, cloning alternatives, abstention, and crude manipulation" (Dagstuhl Seminar "Computational Social Choice: Theory and Applications", Germany)
March 2015	"Computational Social Choice" (Invited Tutorial, 32nd Symposium on Theoretical Aspects of Computer Science (STACS 2015), Munich, Germany)
February 2015	"Consistent Probabilistic Social Choice" (Micro-Theory Seminar, University of Glasgow, UK)
June 2014	"Consistent Social Choice Lotteries" (12th Meeting of the Society for Social Choice and Welfare, Boston, USA)
June 2014	"Axiomatic Social Choice Theory: From Arrow's Impossibility to Fishburn's Maximal Lotteries" (Tutorial, 15th ACM Conference on Economics and Computation (ACM-EC 2014), Palo Alto, USA)
November 2013	"The Tradeoff between Efficiency and Strategyproofness in Randomized Social Choice" (Dagstuhl-Seminar "Electronic Markets and Auctions", Germany)
October 2013	"Consistent Social Choice Lotteries" (Keynote, Workshop on Mathematics of Electoral Systems: Voting, Apportioning and Districting, Budapest, Hungary)
November 2012	"Consistent Social Choice Lotteries" (Invited Talk, 6th Seminar on Ordered Structures in Games and Decisions, Paris, France)
March 2012	"The Tale of the Tournament Equilibrium Set" (Dagstuhl-Seminar "Computation and Incentives in Social Choice", Germany)
May 2011	"From Arrow's Impossibility to Schwartz's Tournament Equilibrium Set" (Invited Tutorial, 12th International Conference on Relational and Algebraic Methods in Computer Science (RAMiCS 2011), Rotterdam, The Netherlands)
September 2010	"Tournament Solutions and Their Applications to Multiagent Decision Making" (Invited Talk, 8th German Conference on Multi-Agent System Technologies (MATES 2010), Leipzig, Germany)
July 2010	"Mini-Course: Computational Social Choice" (Invited Tutorial, Doctorate program "Program and Model Analysis", Munich, Germany)
April 2010	"From Arrow's Impossibility to Schwartz's Tournament Equilibrium Set" (Invited Talk, COST-ADT Doctoral School on Computational Social Choice, Estoril, Portugal)

January 2010	“Set-Rationalizable Choice and Self-Stability” (Invited Talk, Workshop on Choice Theory, Paris, France)
June 2009	“Tournament Solutions” (Invited Talk, Workshop on Preference Handling and Aggregation in Combinatorial Domains, Paris, France)
October 2008	“Computational Foundations of Social Choice” (ESF LogICCC Launch Conference, Prague, Czech Republic)
July 2008	“Computational Properties of Quasi-Strict Equilibrium” (3rd World Congress of the Game Theory Society, Evanston, USA)
June 2008	“Minimal Stable Sets in Tournaments” (9th International Meeting of the Society for Social Choice and Welfare, Montréal, Canada)
December 2007	“Computing the Minimal Covering Set” (Stanford University, Palo Alto, USA)
October 2007	“The Computational Complexity of Tournament Solutions” (Dagstuhl-Seminar “Computational Issues in Social Choice”, Germany)
June 2007	“Computational Aspects of Covering in Dominance Graphs” (5th International Conference on Logic, Game Theory, and Social Choice, Bilbao, Spain)
January 2007	“How to Aggregate Preferences Without Revealing Them” (Invited Talk, School of Computer and Communication Sciences, École Polytechnique Fédérale de Lausanne (EPFL), Switzerland)
January 2007	“Preference Aggregation in Multiagent Systems” (Invited Talk, Institute of Applied Informatics and Formal Description Methods, University of Karlsruhe, Germany)
November 2006	“Spiteful Bidding in Sealed-Bid Auctions” (INFORMS Annual Meeting 2006, Pittsburgh, USA)
July 2006	“Spieltheorie in der Informatik” (Tag der Informatiklehrer, Munich, Germany)
July 2006	“Symmetries and Efficient Solvability in Multi-Player Games” (17th International Conference on Game Theory, Stony Brook, USA)
July 2006	“On Strictly Competitive Multi-Player Games” (17th International Conference on Game Theory, Stony Brook, USA)
November 2005	“How to Aggregate Preferences Without Revealing Them” (Invited Talk, International Doctoral Graduate School of Information Management and Market Engineering, University of Karlsruhe, Germany)
January 2005	“Spiteful Bidding in Sealed-Bid Auctions” (Dagstuhl-Seminar “Computing and Markets”, Germany)
August 2002	“Kryptographische Protokolle für sichere Auktionen” (Invited Talk, German Research Center for Artificial Intelligence (DFKI), Saarbrücken, Germany)

Teaching

2019–2021	Course “Diskrete Strukturen” (4h+2h)
2017–2018	Course “Einführung in die Informatik für TUM-BWL” (4h)
2016–	Seminar “Markets, Algorithms, Incentives, and Networks” (2h)

2015–	Seminar “Computational Social Choice” (2h)
2011–	Course “Algorithmic Game Theory” (2h+2h)
2011–	Seminar “Economics and Computation” (2h)
2007–	Course “Computational Social Choice” (3h+2h)
2006–	Seminar “Multiagent Systems” (2h)
2010–2011	Course “Gems of Computer Science III” (2h)
2008–2009	Course “Algorithmische Graphentheorie” (jointly with J. Johannsen, 2h+2h)
2007	Course “Multiagentensysteme” (2h+2h)
2006	Seminar “Spieltheorie” (2h)
2002–2003	Exercise course “Diskrete Strukturen I” (3h)
2002–2003	Seminar “Einführung in die Methoden der Künstlichen Intelligenz” (2h)
2001–2002	Exercise course “Diskrete Strukturen I” (TA, 2h)
2001	Exercise course “Einführung in die Informatik IV” (TA, 3h)
2000–2001	Seminar “Agenten in der Informatik” (2h)
1999–2001	Exercise course “Einführung in die Informatik III” (TA, 2h)
1999–2003	Seminar “UNIX-Tools” (2h)
2006–	Supervision of more than 100 Master and Bachelor theses

PhD Student Supervision

10/2021–	Dong, Chris (mathematics)
03/2021–	Greger, Matthias (mathematics)
02/2021–	Romen, René (computer science)
02/2020–03/2024	Lederer, Patrick (computer science): “Strategic Manipulation in Social Choice Theory” (Committee members: Prof. Jens Großklags (chair), Prof. Felix Brandt, Prof. Ulle Endriss, Prof. Arunava Sen) Academic appointment after graduation: post-doc (University of New South Wales)
02/2019–08/2023	Bullinger, Martin (mathematics): “Computing Desirable Outcomes in Coalition Formation” (Committee members: Prof. Andreas Wiese (chair), Prof. Felix Brandt, Prof. Edith Elkind, Prof. Michele Flammini) Academic appointment after graduation: post-doc (Oxford University)
06/2017–05/2021	Stricker, Christian (mathematics)
05/2016–12/2020	Saile, Christian (computer science)
07/2014–01/2019	Hofbauer, Johannes (mathematics): “Should I Stay or Should I Go – The No-Show Paradox in Voting and Assignment” (Committee members: Prof. Rudi Zangst (chair), Prof. Felix Brandt, Prof. Vincent Merlin)

- 10/2013–09/2018 Brandl, Florian (mathematics): “Zero-Sum Games in Social Choice and Game Theory” (Committee members: Prof. Peter Gritzmam (chair), Prof. Felix Brandt, Prof. Hervé Moulin, Prof. Clemens Puppe)
First Argelander professor (University of Bonn, Hausdorff Center for Mathematics)
Academic appointments after graduation: post-doc (Stanford University), post-doc (Princeton University)
- 01/2013–04/2016 Geist, Christian (computer science): “Generating Insights in Social Choice Theory via Computer-aided Methods” (Committee members: Prof. Javier Esparza (chair), Prof. Felix Brandt, Prof. Tobias Nipkow)
- 03/2010–02/2015 Seedig, Hans Georg (computer science): “Majority Relations and Tournament Solutions – A Computational Study” (Committee members: Prof. Harald Räcke (chair), Prof. Felix Brandt, Prof. Rolf Niedermeier)
- 10/2008–11/2012 Brill, Markus (computer science): “Set-Valued Solution Concepts in Social Choice and Game Theory – Axiomatic and Computational Aspects” (Committee members: Prof. Tobias Nipkow (chair), Prof. Felix Brandt, Prof. Jérôme Lang)
Bund der Freunde der TUM Dissertation Award 2013, Honorable Mention Artificial Intelligence Dissertation Award 2013 (ECCAI), nominated for National Best Dissertation in Computer Science Award 2013 (GI), Feodor Lynen Fellowship 2013 (AvH), Emmy Noether Fellowship 2017 (DFG)
Academic appointments after graduation: post-doc (Duke University), post-doc (Oxford University)
- 10/2005–07/2009 Fischer, Felix (computer science): “Complexity Results for some Classes of Strategic Games” (Committee members: Prof. Martin Hofmann (chair), Prof. Lane Hemaspaandra, Priv.-Doz. Martin Lange, Prof. Martin Schottenloher)
Academic appointments after graduation: post-doc (Harvard University), lecturer (University of Cambridge)
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Hosted Post-Doctoral Researchers

- 02/2019–08/2020 Wilczynski, Anaëlle
Subsequent academic appointment: assistant professor (École CentraleSupélec, Paris)
- 04/2010–05/2012 Pyrga, Evangelia
- 09/2009–10/2012 Aziz, Haris
IEEE’s AI Ten to Watch 2016, Julius Career Award 2016, Chris Wallace Award for Outstanding Research 2017
Subsequent academic appointment: researcher (NICTA (now Data61) and University of New South Wales)
- 02/2009–12/2009 Sørensen, Troels Bjerre
Subsequent academic appointments: research fellow (University of Warwick), post-doc (Duke University)
- 02/2006–09/2012 Harrenstein, Paul
Subsequent academic appointment: research assistant (Oxford University)

Other Supervision of Young Researchers

2014–2024	Warut Sukhompong (MIT, Stanford, Oxford, NUS), nine visits at TUM, NUS Presidential Young Professorship 2020
2015–2022	Dominik Peters (Oxford, CMU, Paris Dauphine), six visits at TUM, Victor Lesser Distinguished Dissertation Award (AAMAS 2020), EurAI Artificial Intelligence Dissertation Award (ECAI 2020)

Complete List of Publications

Books

1. Felix Brandt, Vincent Conitzer, Ulle Endriss, Jérôme Lang, and Ariel D. Procaccia, editors. *Handbook of Computational Social Choice*. Cambridge University Press, 2016.

Book Chapters

10. Felix Brandt. Stochastic choice and dynamics based on pairwise comparisons. In M. Voornveld et al., editor, *One Hundred Years of Game Theory: A Nobel Symposium*, Econometric Society Monographs. Cambridge University Press, 2024. Forthcoming.
9. Felix Brandt, Johannes Hofbauer, and M. Strobel. Exploring the no-show paradox for Condorcet extensions. In M. Diss and V. Merlin, editors, *Evaluating Voting Systems with Probability Models: Essays by and in Honor of William Gehrlein and Dominique Lepelley*, Studies in Choice and Welfare, pages 251–273. Springer-Verlag, 2021.
8. Felix Brandt, Christian Geist, and M. Strobel. Analyzing the practical relevance of the Condorcet loser paradox and the agenda contraction paradox. In M. Diss and V. Merlin, editors, *Evaluating Voting Systems with Probability Models: Essays by and in Honor of William Gehrlein and Dominique Lepelley*, Studies in Choice and Welfare, pages 97–115. Springer-Verlag, 2021.
7. Felix Brandt. Collective choice lotteries: Dealing with randomization in economic design. In J.-F. Laslier, Hervé Moulin, R. Sanver, and W. S. Zwicker, editors, *The Future of Economic Design*, Studies in Economic Design, pages 51–56. Springer-Verlag, 2019.
6. Haris Aziz, Felix Brandt, Edith Elkind, and Piotr Skowron. Computational social choice: The first ten years and beyond. In B. Steffen and G. Woeginger, editors, *Computing and Software Science*, volume 10000 of *Lecture Notes in Computer Science (LNCS)*, chapter 48–65. Springer-Verlag, 2019.
5. Felix Brandt. Rolling the dice: Recent results in probabilistic social choice. In Ulle Endriss, editor, *Trends in Computational Social Choice*, chapter 1, pages 3–26. AI Access, 2017.
4. Felix Brandt, Vincent Conitzer, Ulle Endriss, Jérôme Lang, and Ariel D. Procaccia. Introduction to computational social choice. In Felix Brandt, Vincent Conitzer, Ulle Endriss, J. Lang, and Ariel D. Procaccia, editors, *Handbook of Computational Social Choice*, chapter 1. Cambridge University Press, 2016.
3. Felix Brandt, Markus Brill, and Paul Harrenstein. Tournament solutions. In Felix Brandt, Vincent Conitzer, Ulle Endriss, J. Lang, and Ariel D. Procaccia, editors, *Handbook of Computational Social Choice*, chapter 3. Cambridge University Press, 2016.
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