

Lebenslauf

Persönliches

Name: **Felix Brandt**
Geburtstag: 6. Juni 1973 (Freiburg im Breisgau, Deutschland)
Familienstand: verheiratet, zwei Kinder
Adresse: Department of Computer Science
School of Computation, Information and Technology
Technische Universität München
Boltzmannstr. 3
85748 Garching, Deutschland
Email: brandt@tum.de
Homepage: <https://www.cs.cit.tum.de/dss/brandt>

Forschungstätigkeit

2010– **Professor (Technische Universität München (TUM))**
Lehrstuhl für Decision Sciences and Systems: Algorithmische Spieltheorie
Fakultät für Informatik (Zweitmitglied in der Fakultät für Mathematik seit 2012)

2005–2010 **Emmy-Noether Nachwuchsgruppenleiter (Ludwig-Maximilians-Universität München (LMU))**
Preference Aggregation in Multiagent Systems Group

2004–2005 **Postdoktoraler Forschungsaufenthalt (Stanford University, USA)**
Multiagent Group (Prof. Yoav Shoham, Ph.D.)

2003–2004 **Postdoktoraler Forschungsaufenthalt (Carnegie Mellon University (CMU), USA)**
Agent-Mediated Electronic Marketplaces Group (Prof. Tuomas Sandholm, Ph.D.)

1999–2003 **Wissenschaftlicher Mitarbeiter (TUM)**
Lehrstuhl für Theoretische Informatik und Grundlagen der Künstlichen Intelligenz (Prof. Dr. Dr. h.c. mult. Wilfried Brauer)

Ausbildung

Januar 2010 **Habilitation, Informatik (LMU)**
“Tournament Solutions – Extensions of Maximality and their Applications to Decision-Making”
Gutacher: Prof. M. Hofmann, Ph.D., Prof. J.-F. Laslier, Prof. Dr. M. Schottenloher

August 2003 **Dr. rer. nat., Informatik, summa cum laude (TUM)**
“Fundamental Aspects of Privacy and Deception in Electronic Auctions”
Doktorvater: Prof. Dr. Dr. h.c. mult. W. Brauer, Gutachter: Prof. Dr. M. Bichler

August 1998 **Diplom, Informatik (TUM)**
Hauptfach: Informatik, Nebenfach: Mathematik
“Example Selection for Learning in Automated Theorem Proving”

Herausgebertätigkeit

2022–2025	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

Programmkomitee Mitgliedschaften

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: 2025 (Vienna, Austria), 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)

Gutachtertätigkeit: Wissenschaftsförderorganisationen

Alexander von Humboldt Stiftung (AvH), Deutsche Forschungsgemeinschaft (DFG), Einstein Stiftung 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)

Gutachtertätigkeit: Zeitschriften

Annals of Operations Research, Autonomous Agents and Multi-Agent Systems, Artificial Intelligence, Discrete Applied Mathematics, Data & Knowledge Engineering, Decision Support Systems, Development Science, 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

Gutachtertätigkeit: Konferenzen

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)

Drittmittelförderung

Fördersumme insgesamt: € 6.780.160

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|---------------|--|
| November 2025 | Aggregating Preferences Over the Simplex
Projektleiter, Finanzierung durch DFG Bewilligung BR 2312/14-1
Fördersumme: € 356.189 |
| Mai 2021 | An Axiomatic and Computational Study of Probabilistic Social Choice (follow-up)
Projektleiter, Finanzierung durch DFG Bewilligung BR 2312/11-2
Fördersumme: € 575.276 |
| Dezember 2017 | Collective Choice Lotteries: Dealing with Randomization in Voting, Matching, and Allocation
Projektleiter, Finanzierung durch DFG Bewilligung BR 2312/12-1
Fördersumme: € 1.220.000 |
| August 2015 | An Axiomatic and Computational Study of Probabilistic Social Choice
Projektleiter, Finanzierung durch DFG Bewilligung BR 2312/11-1 |

Fördersumme: € 502.408

- September 2011 **Algorithmische Grundlagen der Social-Choice-Theorie**
Projektleiter, Finanzierung durch DFG Bewilligung BR 2312/10-1
Gemeinschaftsprojekt mit Jörg Rothe (Heinrich-Heine-Universität Düsseldorf),
innerdeutsche Fortsetzung von BR 2312/6-1
Gesamtfördersumme: € 656.200, Individuelle Fördersumme: € 328.100
- März 2011 **Preferences over Sets in Coalition Formation and Strategic Voting**
Projektleiter, Finanzierung durch DFG Bewilligung BR 2312/9-1
Fördersumme: € 213.600
- Oktober 2009 **Algorithmic Game Theory**
Heisenberg-Professur, Finanzierung durch DFG Bewilligungen BR 2312/7-1 und
BR 2312/7-2
Fördersumme: € 489.600
- Juni 2008 **Computational Foundations of Social Choice**
Projektleiter und Sprecher, Koordination durch ESF (European Science Foundati-
on), Finanzierung durch DFG, ESRC (Economic and Social Research Council), ISF
(Israel Science Foundation), NWO (Nederlandse Organisatie voor Wetenschap-
pelijk Onderzoek), NSF (National Science Foundation), TÜBITAK (Türkiye Bil-
limsel ve Teknolojik Araştırma Kurumu), Bewilligung BR 2312/6-1
Teilnehmer: Ulle Endriss (University of Amsterdam), Jeffrey Rosenschein (He-
brew 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 Institutue of
Technology), Lane Hemaspaandra (University of Rochester), Jérôme Lang (Uni-
versité Paul Sabatier, Paris), Jean-François Laslier (École Polytechnique, Paris),
Nicolas Maudet (Université Paris Dauphine)
Gesamtfördersumme: € 1.689.206, Individuelle Fördersumme: € 478.850
- Januar 2005 **Preference Aggregation in Multiagent Systems**
Projektleiter, Finanzierung durch DFG Bewilligungen BR 2312/3-1, BR 2312/3-2
und BR 2312/3-3
Fördersumme: € 1.010.273
- August 2003 **The Design of Secure Public Choice Protocols**
Forschungsstipendium, Finanzierung durch DFG Bewilligung BR 2312/1-1
Fördersumme: € 67.408

Sonstiges

- Reinhart Koselleck Projekt (DFG) (2017–2025)
- Erste Heisenberg-Professur (DFG) im Fachgebiet Informatik (2010–2015)
- Förderung im Aktionsplan Informatik (DFG), Sonderform des Emmy-Noether-
Programms (2005–2010)
- Gewähltes Mitglied des Rats der Society for Social Choice and Welfare (2016–
2021, 2024–2029)
- TUM Supervisory Award 2021 (Preis für die beste Betreuung von Promovieren-
den unter mehr als 600 Professoren)
- Zweitmitgliedschaft in der TUM Fakultät für Mathematik (seit 2012)

TUM TopMath Supervisory Award 2022 für herausragendes Engagement bei der Betreuung von Promovierenden im Elitestudienprogramm TopMath

TUM International School of Applied Mathematics Supervisory Award 2018 für herausragendes Engagement bei der Betreuung von Promovierenden (1. Preis)

TUM TeachInf Awards 2014 and 2019 für “Computational Social Choice” (Beste Informatik-Veranstaltung im Wahlbereich)

TUM Informatik Preis für beste Lehre 2015, verliehen an Johannes Hofbauer (Tutor für “Algorithmic Game Theory”)

Mitglied des TopMath Boards (Mathematik Elitestudienprogramm im Elitenetzwerk Bayern) (2019–)

Best student paper award ATAL 2001 (eins von 70 eingereichten Papieren)

Best student paper award WINE 2021 für studentische Ko-Autoren M. Greger and C. Stricker (eins von 153 eingereichten Papieren)

Best paper award nomination AAMAS 2021 (acht von 612 eingereichten Papieren)

Best paper award nomination AAMAS 2016 (vier von 550 eingereichten Papieren)

Best paper award nomination AAMAS 2010 (drei von 685 eingereichten Papieren)

Distinguished Senior Program Committee Member IJCAI 2018

3. Platz bei CASC-15, Unit Equality Division (CADE ATP (Automated Theorem Prover) System Competition, 1998)

Vorsitzender des Programmkomitees (gemeinsam mit H. Aziz, D. Manlove, and N. Mattei) EXPLORE 2016

Vorsitzender des Programmkomitees (gemeinsam mit P. Faliszewski) COMSOC 2012

Lenkungsausschuss der COMSOC Workshop Serie (2012–2016)

Organisation (gemeinsam mit V. Conitzer, L. Hemaspaandra, J.-F. Laslier, and W. Zwicker) des Dagstuhl-Seminars “Computational Foundations of Social Choice” (2010)

Teilnehmer der ICT COST Action IC1205 über “Computational Social Choice” (2012–2016)

Podiumsdiskussion Teilnehmer: “The Future of Negotiation” (ATAL 2001)

ParisTech Forschungsstipendium “Tournament Solutions” (Gemeinschaftsantrag mit Markus Brill und Jean-François Laslier, 2011)

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

Ausgewählte Vorträge

June 2025	“Voting Among Three Candidates” (Invited Talk, Workshop on Social Choice, Game Theory, and Mechanism Design in Celebration of Hervé Moulin’s 75th Birthday, Glasgow, June 2025)
May 2025	“Coordinating Charitable Donations” (Invited Talk, Online Colloquium on Equity and Access in Algorithms, Mechanisms, and Optimization)
December 2024	“Collaborative Giving: Effective Distribution of Individual Contributions” (Invited Tutorial, IMS Program on Algorithmics of Fair Division and Social Choice, NUS, Singapore)
July 2024	“Funding Public Goods via Best-Response Dynamics” (17th Meeting of the Society for Social Choice and Welfare, Paris, France)
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)
Dezember 2021	“Stochastic Choice and Dynamics based on Pairwise Comparisons” (Invited Talk, Nobel Symposium “One Hundred Years of Game Theory”, Stockholm, Sweden)
Juli 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)
Juni 2021	“Distribution Rules Under Dichotomous Preferences” (Invited Talk, Annual Meeting of the Society for the Advancement of Economic Theory)
März 2021	“A Natural Adaptive Process for Collective Decision-Making” (Invited Talk, COMSOC Video Seminar)
März 2021	“Justifying Optimal Play via Consistency” (Invited Talk, Economic Theory Seminar, Sorbonne Economics Centre, Paris, France)
März 2021	“Justifying Optimal Play via Consistency” (Invited Talk, Israeli Theory Seminar, Tel Aviv University and Hebrew University of Jerusalem, Israel)
Februar 2020	“A Theorist’s View on Practical Preferential Voting Rules” (Invited Talk, Workshop on “The Mathematics of Decision Making: Voting Systems”, Montréal, Canada)

- Dezember 2019 “Arrovian Aggregation of Convex Preferences” (Invited Talk, International Conference on Mathematical Optimization for Fair Social Decisions: A tribute to Michel Balinski, Paris, France)
- Juni 2019 “Consistent Probabilistic Social Choice” (Invited Talk, 20th ACM Conference on Economics and Computation, Phoenix, USA)
- Mai 2018 “Practical Preferential Voting Rules” (Invited Talk, Symposium on “Mathematics and Politics: Democratic Decision Making”, Hannover, Germany)
- Juni 2017 “On The Tradeoff between Efficiency and Strategyproofness” (Dagstuhl-Seminar “Voting: Beyond Simple Majorities and Single-Winner Elections”, Germany)
- Mai 2017 “Consistent Probabilistic Social Choice” (Invited Talk, 5th Annual Workshop “Decision: Theory, Experiments and Applications”, Paris, France)
- Februar 2017 “On the Tradeoff Between Efficiency and Strategyproofness” (Keynote, 4th Day on Computational Game Theory, Zurich, Switzerland)
- Februar 2017 “Economics and Computation” (Invited Tutorial, Center for Doctoral Studies in Informatics and its Applications, TUM)
- Januar 2017 “Probabilistic Social Choice” (Invited Talk, Workshop on Decision Making and Contest Theory, Ein Gedi, Israel)
- Dezember 2016 “Fishburn’s Maximal Lotteries” (Invited Talk, Workshop on Mechanism Design, Singapore)
- Dezember 2016 “On the Tradeoff between Efficiency and Strategyproofness” (Computer Science Seminar, National University of Singapore)
- Oktober 2016 “Computational Social Choice” (Invited Tutorial, Autumn School on Computational Social Choice and Fair Division, St. Petersburg, Russia)
- Juli 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)
- Juni 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)
- März 2015 “Computational Social Choice” (Invited Tutorial, 32nd Symposium on Theoretical Aspects of Computer Science (STACS 2015), Munich, Germany)
- Februar 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)

- Oktober 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)
- März 2012 "The Tale of the Tournament Equilibrium Set" (Dagstuhl-Seminar "Computation and Incentives in Social Choice", Germany)
- Mai 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)
- Juli 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)
- Januar 2010 "Set-Rationalizable Choice and Self-Stability" (Invited Talk, Workshop on Choice Theory, Paris, France)
- Juni 2009 "Tournament Solutions" (Invited Talk, Workshop on Preference Handling and Aggregation in Combinatorial Domains, Paris, France)
- Oktober 2008 "Computational Foundations of Social Choice" (ESF LogICCC Launch Conference, Prague, Czech Republic)
- Juli 2008 "Computational Properties of Quasi-Strict Equilibrium" (3rd World Congress of the Game Theory Society, Evanston, USA)
- Juni 2008 "Minimal Stable Sets in Tournaments" (9th International Meeting of the Society for Social Choice and Welfare, Montréal, Canada)
- Dezember 2007 "Computing the Minimal Covering Set" (Stanford University, Palo Alto, USA)
- Oktober 2007 "The Computational Complexity of Tournament Solutions" (Dagstuhl-Seminar "Computational Issues in Social Choice", Germany)
- Juni 2007 "Computational Aspects of Covering in Dominance Graphs" (5th International Conference on Logic, Game Theory, and Social Choice, Bilbao, Spain)
- Januar 2007 "How to Aggregate Preferences Without Revealing Them" (Invited Talk, School of Computer and Communication Sciences, École Polytechnique Fédérale de Lausanne (EPFL), Switzerland)
- Januar 2007 "Preference Aggregation in Multiagent Systems" (Invited Talk, Institut für Angewandte Informatik und Formale Beschreibungsverfahren, Universität Karlsruhe)
- November 2006 "Spiteful Bidding in Sealed-Bid Auctions" (INFORMS Annual Meeting 2006, Pittsburgh, USA)
- Juli 2006 "Spieltheorie in der Informatik" (Tag der Informatiklehrer, Munich, Germany)

Juli 2006	“Symmetries and Efficient Solvability in Multi-Player Games” (17th International Conference on Game Theory, Stony Brook, USA)
Juli 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)
Januar 2005	“Spiteful Bidding in Sealed-Bid Auctions” (Dagstuhl-Seminar “Computing and Markets”, Germany)
August 2002	“Kryptographische Protokolle für sichere Auktionen” (Invited Talk, Deutsches Forschungszentrum für Künstliche Intelligenz (DFKI), Saarbrücken, Germany)

Lehre

2019–2021	Vorlesung “Diskrete Strukturen” (4h+2h)
2017–2018	Vorlesung “Einführung in die Informatik für TUM-BWL” (4h)
2016–	Seminar “Markets, Algorithms, Incentives, and Networks” (2h)
2015–	Seminar “Computational Social Choice” (2h)
2011–	Vorlesung “Algorithmic Game Theory” (2h+2h)
2011–	Seminar “Economics and Computation” (2h)
2007–	Vorlesung “Computational Social Choice” (3h+2h)
2006–	Seminar “Multiagent Systems” (2h)
2010–2011	Vorlesung “Perlen der Informatik III” (2h)
2008–2009	Vorlesung “Algorithmische Graphentheorie” (gemeinsam mit J. Johannsen, 2h+2h)
2007	Vorlesung “Multiagentensysteme” (2h+2h)
2006	Hauptseminar “Spieltheorie” (2h)
2002–2003	Übungsleitung zur Vorlesung “Diskrete Strukturen I” (3h)
2002–2003	Proseminar “Einführung in die Methoden der Künstlichen Intelligenz” (2h)
2001–2002	Tutorübung zur Vorlesung “Diskrete Strukturen I” (2h)
2001	Tutorübung zur Vorlesung “Einführung in die Informatik IV” (3h)
2000–2001	Hauptseminar “Agenten in der Informatik” (2h)
1999–2001	Tutorübung zur Vorlesung “Einführung in die Informatik III” (2h)
1999–2003	Proseminar “UNIX-Tools” (2h)
2006–	Betreuung von über 100 Master- und Bachelorarbeiten

Betreuung von Doktoranden

09/2025–	Patrick Becker (Informatik)
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- 08/2025– Satyanand Rammohan (Informatik)
- 10/2024– Schlenga, Alexander (Informatik)
- 05/2024– Frank, Fabian (Informatik)
- 10/2021–09/2025 Dong, Chris ShuYu (Mathematik): “Committee Selection and Axis Reconstruction in Approval-Based Social Choice” (Promotionskommission: Prof. Stefan Weltge (Vorsitzender), Prof. Felix Brandt, Prof. Piotr Faliszewski)
Wissenschaftliche Anstellung nach der Promotion: post-doc (Hasso-Plattner-Institut, Potsdam)
- 03/2021–04/2025 Greger, Matthias (Mathematik): “Collective Choice from the Probability Simplex with Application to Donor Coordination” (Promotionskommission: Prof. Christian Kühn (Vorsitzender), Prof. Felix Brandt, Prof. Hervé Moulin, Prof. Nisarg Shah)
Wissenschaftliche Anstellung nach der Promotion: post-doc (Université Paris Dauphine-PSL)
- 02/2021–03/2025 Romen, René (Informatik): “Performance Guarantees in Probabilistic Social Choice and Online Coalition Formation” (Promotionskommission: Prof. Viktor Leis (Vorsitzender), Prof. Felix Brandt, Prof. Vittorio Bilò)
- 02/2020–03/2024 Lederer, Patrick (Informatik): “Strategic Manipulation in Social Choice Theory” (Promotionskommission: Prof. Jens Großklags (Vorsitzender), Prof. Felix Brandt, Prof. Ulle Endriss, Prof. Arunava Sen)
TUM CIT Preis für die beste Dissertation in Informatik 2024 (von ca. 100 Dissertationen)
Wissenschaftliche Anstellung nach der Promotion: post-doc (University of New South Wales)
- 02/2019–08/2023 Bullinger, Martin (Mathematik): “Computing Desirable Outcomes in Coalition Formation” (Promotionskommission: Prof. Andreas Wiese (Vorsitzender), Prof. Felix Brandt, Prof. Edith Elkind, Prof. Michele Flammini)
Wissenschaftliche Anstellung nach der Promotion: post-doc (Oxford University)
- 06/2017–07/2025 Stricker, Christian (Mathematik): “Analyzing Non-Deterministic Collective Choice Rules via Computer-Aided Methods” (Promotionskommission: Prof. Debarghya Ghoshdastidar (Vorsitzender), Prof. Felix Brandt, Prof. Markus Brill)
- 05/2016–12/2020 Saile, Christian (Informatik)
- 07/2014–01/2019 Hofbauer, Johannes (Mathematik): “Should I Stay or Should I Go – The No-Show Paradox in Voting and Assignment” (Promotionskommission: Prof. Rudi Zagst (Vorsitzender), Prof. Felix Brandt, Prof. Vincent Merlin)
- 10/2013–09/2018 Brandl, Florian (Mathematik): “Zero-Sum Games in Social Choice and Game Theory” (Promotionskommission: Prof. Peter Gritzmann (Vorsitzender), Prof. Felix Brandt, Prof. Hervé Moulin, Prof. Clemens Puppe)
Erster Argelander-Professor (Universität Bonn, Hausdorff Center for Mathematics)
Wissenschaftliche Anstellungen nach der Promotion: post-doc (Stanford University), post-doc (Princeton University)

- 01/2013–04/2016 Geist, Christian (Informatik): “Generating Insights in Social Choice Theory via Computer-aided Methods” (Promotionskommission: Prof. Javier Esparza (Vorsitzender), Prof. Felix Brandt, Prof. Tobias Nipkow)
- 03/2010–02/2015 Seedig, Hans Georg (Informatik): “Majority Relations and Tournament Solutions – A Computational Study” (Promotionskommission: Prof. Harald Räcke (Vorsitzender), Prof. Felix Brandt, Prof. Rolf Niedermeier)
- 10/2008–11/2012 Brill, Markus (Informatik): “Set-Valued Solution Concepts in Social Choice and Game Theory – Axiomatic and Computational Aspects” (Promotionskommission: Prof. Tobias Nipkow (Vorsitzender), Prof. Felix Brandt, Prof. Jérôme Lang)
 Promotionspreis des Bundes der Freunde der TUM 2013, Honorable Mention Artificial Intelligence Dissertation Award 2013 (ECCAI), nominiert für den GI-Dissertationspreis 2013, Feodor Lynen Stipendium 2013 (AvH), Emmy Noether Stipendium 2017 (DFG)
 Wissenschaftliche Anstellungen nach der Promotion: post-doc (Duke University), post-doc (Oxford University)
- 10/2005–07/2009 Fischer, Felix (Informatik): “Complexity Results for some Classes of Strategic Games” (Promotionskommission: Prof. Martin Hofmann (Vorsitzender), Prof. Lane Hemaspaandra, Priv.-Doz. Martin Lange, Prof. Martin Schottenloher)
 Wissenschaftliche Anstellungen nach der Promotion: post-doc (Harvard University), lecturer (University of Cambridge)
-

Betreuung von post-doktoralen Wissenschaftlern

- 02/2019–08/2020 Wilczynski, Anaëlle
 Nachfolgende Anstellung: 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
 Nachfolgende Anstellung: researcher (NICTA (now Data61) and University of New South Wales)
- 02/2009–12/2009 Sørensen, Troels Bjerre
 Nachfolgende Anstellungen: research fellow (University of Warwick), post-doc (Duke University)
- 02/2006–09/2012 Harrenstein, Paul
 Nachfolgende Anstellung: research assistant (Oxford University)
-

Weitere Beratung von Nachwuchswissenschaftlern

- 2014–2025 Warut Suksompong (MIT, Stanford, Oxford, NUS), zehn Forschungsaufenthalte an der TUM, NUS Presidential Young Professorship 2020
- 2015–2024 Dominik Peters (Oxford, CMU, Harvard, Toronto, Paris Dauphine), sieben Forschungsaufenthalte an der TUM, Victor Lesser Distinguished Dissertation Award (AAMAS 2020), EurAI Artificial Intelligence Dissertation Award (ECAI 2020)

Vollständige Veröffentlichungsliste

Bücher

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

Buchkapitel

11. Felix Brandt and Éva Tardos. Computer science: Introduction. In Mark Voorneveld, Jörgen W. Weibull, Tommy Andersson, Roger B. Myerson, Jean-François Laslier, Rida Laraki, and Yukio Koriyama, editors, *One Hundred Years of Game Theory: A Nobel Symposium*, Econometric Society Monographs. Cambridge University Press, 2026. Forthcoming.
10. Felix Brandt. Stochastic choice and dynamics based on pairwise comparisons. In Mark Voorneveld, Jörgen W. Weibull, Tommy Andersson, Roger B. Myerson, Jean-François Laslier, Rida Laraki, and Yukio Koriyama, editors, *One Hundred Years of Game Theory: A Nobel Symposium*, Econometric Society Monographs. Cambridge University Press, 2026. Forthcoming.
9. Felix Brandt, Johannes Hofbauer, and Martin 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 Martin 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 Jean-François Laslier, Hervé Moulin, M. Remzi Sanver, and William 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.
2. Felix Brandt, Vincent Conitzer, and Ulle Endriss. Computational social choice. In G. Weiß, editor, *Multiagent Systems*, chapter 6, pages 213–283. MIT Press, 2nd edition, 2013.
1. Felix Brandt. Auctions. In Burton Rosenberg, editor, *Handbook of Financial Cryptography and Security*, chapter 2, pages 49–58. CRC Press, 2010.

Zeitschriftenartikel

65. Felix Brandt, Matthias Greger, Erel Segal-Halevi, and Warut Suksompong. Optimal budget aggregation with star-shaped preference domains. *Mathematics of Operations Research*, 2026. Forthcoming.
64. Felix Brandt and Florian Grundbacher. The Banks set and the bipartisan set may be disjoint. *Social Choice and Welfare*, 2025. Forthcoming.
63. Felix Brandt, Matthias Greger, Erel Segal-Halevi, and Warut Suksompong. Coordinating charitable donations with Leontief preferences. *Journal of Economic Theory*, 230:106096, 2025.
62. Felix Brandt, Chris Dong, and Dominik Peters. Condorcet-consistent choice among three candidates. *Games and Economic Behavior*, 153:113–130, 2025.
61. Felix Brandt and Chris Dong. On locally rationalizable social choice functions. *Theory and Decision*, 2025. Forthcoming.
60. Felix Brandt and Anaëlle Wilczynski. On the convergence of swap dynamics to Pareto-optimal matchings. *Journal of Artificial Intelligence Research*, 80:1063–1098, 2024.
59. Felix Brandt, Patrick Lederer, and René Romen. Relaxed notions of Condorcet-consistency and efficiency for strategyproof social decision schemes. *Social Choice and Welfare*, 63(1):19–55, 2024.
58. Felix Brandt, Martin Bullinger, and Leo Tappe. Stability based on single-agent deviations in additively separable hedonic games. *Artificial Intelligence*, 334:104160, 2024.
57. Florian Brandl and Felix Brandt. A natural adaptive process for collective decision-making. *Theoretical Economics*, 19(2):667–703, 2024.
56. Florian Brandl and Felix Brandt. An axiomatic characterization of Nash equilibrium. *Theoretical Economics*, 19(4):1473–1504, 2024.
55. Felix Brandt, Patrick Lederer, and Warut Suksompong. Incentives in social decision schemes with pairwise comparison preferences. *Games and Economic Behavior*, 142:266–291, 2023.
54. Felix Brandt and Patrick Lederer. Characterizing the top cycle via strategyproofness. *Theoretical Economics*, 18(2):837–883, 2023.
53. Felix Brandt, Martin Bullinger, and Anaëlle Wilczynski. Reaching individually stable coalition structures. *ACM Transactions on Economics and Computation*, 11(1–2):4:1–65, 2023.
52. Felix Brandt, Christian Saile, and Christian Stricker. Strategyproof social choice when preferences and outcomes may contain ties. *Journal of Economic Theory*, 202:105447, 2022.
51. Felix Brandt, Marie Matthäus, and Christian Saile. Minimal voting paradoxes. *Journal of Theoretical Politics*, 34(4):527–551, 2022.
50. Felix Brandt, Martin Bullinger, and Patrick Lederer. On the indecisiveness of Kelly-strategyproof social choice functions. *Journal of Artificial Intelligence Research*, 73:1093–1130, 2022.
49. Felix Brandt and Martin Bullinger. Finding and recognizing popular coalition structures. *Journal of Artificial Intelligence Research*, 74:569–626, 2022.
48. Florian Brandl, Felix Brandt, and Christian Stricker. An analytical and experimental comparison of maximal lottery schemes. *Social Choice and Welfare*, 58(1):5–38, 2022.

47. Florian Brandl, Felix Brandt, Matthias Greger, Dominik Peters, Christian Stricker, and Warut Suksompong. Funding public projects: A case for the Nash product rule. *Journal of Mathematical Economics*, 99:102585, 2022.
46. Florian Brandl and Felix Brandt. Arrovian aggregation of convex preferences. *Econometrica*, 88(2):799–844, 2020.
45. Florian Brandl, Felix Brandt, and Johannes Hofbauer. Welfare maximization entices participation. *Games and Economic Behavior*, 14:308–314, 2019.
44. Florian Brandl, Felix Brandt, Christian Geist, and Johannes Hofbauer. Strategic abstention based on preference extensions: Positive results and computer-generated impossibilities. *Journal of Artificial Intelligence Research*, 66:1031–1056, 2019.
43. Florian Brandl and Felix Brandt. Justifying optimal play via consistency. *Theoretical Economics*, 14(4):1185–1201, 2019.
42. Georg Bachmeier, Felix Brandt, Christian Geist, Paul Harrenstein, Keyvan Kardel, Dominik Peters, and Hans Georg Seedig. k -majority digraphs and the hardness of voting with a constant number of voters. *Journal of Computer and System Sciences*, 105:130–157, 2019.
41. Haris Aziz, Florian Brandl, Felix Brandt, Paul Harrenstein, Martin Olsen, and Dominik Peters. Fractional hedonic games. *ACM Transactions on Economics and Computation*, 7(2):1–29, 2019.
40. Felix Brandt, Markus Brill, Hans Georg Seedig, and Warut Suksompong. On the structure of stable tournament solutions. *Economic Theory*, 65(2):483–507, 2018.
39. Felix Brandt, Markus Brill, and Paul Harrenstein. Extending tournament solutions. *Social Choice and Welfare*, 51(2):193–222, 2018.
38. Florian Brandl, Felix Brandt, Manuel Eberl, and Christian Geist. Proving the incompatibility of efficiency and strategyproofness via SMT solving. *Journal of the ACM*, 65(2):1–28, 2018.
37. Haris Aziz, Florian Brandl, Felix Brandt, and Markus Brill. On the tradeoff between efficiency and strategyproofness. *Games and Economic Behavior*, 110:1–18, 2018.
36. Felix Brandt, Paul Harrenstein, and Hans Georg Seedig. Minimal extending sets in tournaments. *Mathematical Social Sciences*, 87:55–63, 2017.
35. Felix Brandt, Christian Geist, and Dominik Peters. Optimal bounds for the no-show paradox via SAT solving. *Mathematical Social Sciences*, 90:18–27, 2017. Special Issue in Honor of Hervé Moulin.
34. S. Albers, Martin Bichler, Felix Brandt, Peter Gritzmam, and Rainer Kolisch. Algorithmic Economics und Operations Research. *Informatik Spektrum*, 40(2):165–171, 2017. Special Issue “50 Jahre Informatik München”.
33. Felix Brandt, Christian Geist, and Paul Harrenstein. A note on the McKelvey uncovered set and Pareto optimality. *Social Choice and Welfare*, 46(1):81–91, 2016.
32. Felix Brandt and Christian Geist. Finding strategyproof social choice functions via SAT solving. *Journal of Artificial Intelligence Research*, 55:565–602, 2016.
31. Felix Brandt, Markus Brill, and Warut Suksompong. An ordinal minimax theorem. *Games and Economic Behavior*, 95:107–112, 2016.
30. Felix Brandt and Markus Brill. Computing dominance-based solution concepts. *ACM Transactions on Economics and Computation*, 5(2):1–22, 2016.

29. Florian Brandl, Felix Brandt, and Warut Suksompong. The impossibility of extending random dictatorship to weak preferences. *Economics Letters*, 141:44–47, 2016.
28. Florian Brandl, Felix Brandt, and Hans Georg Seedig. Consistent probabilistic social choice. *Econometrica*, 84(5):1839–1880, 2016.
27. Felix Brandt, Andre Dau, and Hans Georg Seedig. Bounds on the disparity and separation of tournament solutions. *Discrete Applied Mathematics*, 187:41–49, 2015.
26. Felix Brandt, Markus Brill, Edith Hemaspaandra, and Lane A. Hemaspaandra. Bypassing combinatorial protections: Polynomial-time algorithms for single-peaked electorates. *Journal of Artificial Intelligence Research*, 53:439–496, 2015.
25. Felix Brandt. Set-monotonicity implies Kelly-strategyproofness. *Social Choice and Welfare*, 45(4):793–804, 2015.
24. Haris Aziz, Florian Brandl, and Felix Brandt. Universal Pareto dominance and welfare for plausible utility functions. *Journal of Mathematical Economics*, 60:123–133, 2015.
23. Felix Brandt, Markus Brill, Felix Fischer, and Paul Harrenstein. Minimal retentive sets in tournaments. *Social Choice and Welfare*, 42(3):551–574, 2014.
22. Haris Aziz, Felix Brandt, Markus Brill, and Julián Mestre. Computational aspects of random serial dictatorship. *ACM SIGecom Exchanges*, 13(2):26–30, 2014.
21. Felix Brandt, Felix Fischer, and Paul Harrenstein. On the rate of convergence of fictitious play. *Theory of Computing Systems*, 53(1):41–52, 2013. Special Issue on Algorithmic Game Theory.
20. Felix Brandt, Maria Chudnovsky, Ilhee Kim, Gaku Liu, Sergey Norin, Alex Scott, Paul Seymour, and Stephan Thomassé. A counterexample to a conjecture of Schwartz. *Social Choice and Welfare*, 40(3):739–743, 2013.
19. Dorothea Baumeister, Felix Brandt, Felix Fischer, Jan Hoffmann, and Jörg Rothe. The complexity of computing minimal unidirectional covering sets. *Theory of Computing Systems*, 53(3):467–502, 2013.
18. Haris Aziz, Felix Brandt, and Hans Georg Seedig. Computing desirable partitions in additively separable hedonic games. *Artificial Intelligence*, 195:316–334, 2013.
17. Haris Aziz, Felix Brandt, and Paul Harrenstein. Pareto optimality in coalition formation. *Games and Economic Behavior*, 82:562–581, 2013.
16. Haris Aziz, Felix Brandt, and Markus Brill. The computational complexity of random serial dictatorship. *Economics Letters*, 121(3):341–345, 2013.
15. Felix Brandt and Paul Harrenstein. Set-rationalizable choice and self-stability. *Journal of Economic Theory*, 146(4):1721–1731, 2011.
14. Felix Brandt, Felix Fischer, and Markus Holzer. Equilibria of graphical games with symmetries. *Theoretical Computer Science*, 412:675–685, 2011.
13. Felix Brandt, Markus Brill, Felix Fischer, and Jan Hoffmann. The computational complexity of weak saddles. *Theory of Computing Systems*, 49(1):139–161, 2011. Special Issue on Algorithmic Game Theory.
12. Felix Brandt, Markus Brill, Felix Fischer, and Paul Harrenstein. On the complexity of iterated weak dominance in constant-sum games. *Theory of Computing Systems*, 49(1):162–181, 2011. Special Issue on Algorithmic Game Theory.

11. Felix Brandt. Minimal stable sets in tournaments. *Journal of Economic Theory*, 146(4):1481–1499, 2011.
10. Felix Brandt and Paul Harrenstein. Characterization of dominance relations in finite coalitional games. *Theory and Decision*, 69(2):233–256, 2010.
9. Felix Brandt, Felix Fischer, Paul Harrenstein, and M. Mair. A computational analysis of the tournament equilibrium set. *Social Choice and Welfare*, 34(4):597–609, 2010.
8. Felix Brandt, Felix Fischer, and Markus Holzer. Symmetries and the complexity of pure Nash equilibrium. *Journal of Computer and System Sciences*, 75(3):163–177, 2009.
7. Felix Brandt, Felix Fischer, Paul Harrenstein, and Yoav Shoham. Ranking games. *Artificial Intelligence*, 173(2):221–239, 2009.
6. Felix Brandt, Felix Fischer, and Paul Harrenstein. The computational complexity of choice sets. *Mathematical Logic Quarterly*, 55(4):444–459, 2009. Special Issue on Computational Social Choice.
5. Felix Brandt, Markus Brill, Felix Fischer, Paul Harrenstein, and Jan Hoffmann. Computing Shapley’s saddles. *ACM SIGecom Exchanges*, 8(2), 2009.
4. Felix Brandt. Some remarks on Dodgson’s voting rule. *Mathematical Logic Quarterly*, 55(4):460–463, 2009. Special Issue on Computational Social Choice.
3. Felix Brandt and Tuomas Sandholm. On the existence of unconditionally privacy-preserving auction protocols. *ACM Transactions on Information and System Security*, 11(2), 2008.
2. Felix Brandt and Felix Fischer. Computing the minimal covering set. *Mathematical Social Sciences*, 56(2):254–268, 2008.
1. Felix Brandt. How to obtain full privacy in auctions. *International Journal of Information Security*, 5(4):201–216, 2006.

Veröffentlichungen in streng begutachteten Tagungsbänden

76. Felix Brandt, Haoyuan Chen, Chris Dong, Patrick Lederer, and Alexander Schlenga. Majoritarian assignment rules. In *Proceedings of the 25th International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*, **Acceptance rate: 25%**, 2026. Forthcoming.
75. Felix Brandt and Patrick Lederer. Weak strategyproofness in randomized social choice. In *Proceedings of the 39th AAAI Conference on Artificial Intelligence (AAAI)*, volume 13, pages 13667–13674, **Oral presentation acceptance rate: 4%**, 2025.
74. Felix Brandt, Matthias Greger, Erel Segal-Halevi, and Warut Suksompong. Optimal budget aggregation with single-peaked preferences. In *Proceedings of the 25th ACM Conference on Economics and Computation (ACM-EC)*, page 49, **Acceptance rate: 24%**, 2024.
73. Felix Brandt, Patrick Lederer, and Sascha Tausch. Strategyproof social decision schemes on super Condorcet domains. In *Proceedings of the 22nd International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*, pages 1734–1742, **Acceptance rate: 23%**, 2023.
72. Felix Brandt, Matthias Greger, Erel Segal-Halevi, and Warut Suksompong. Balanced donor coordination. In *Proceedings of the 24th ACM Conference on Economics and Computation (ACM-EC)*, page 299, **Acceptance rate: 26%**, 2023.

71. Felix Brandt, Patrick Lederer, and Warut Suksompong. Incentives in social decision schemes with pairwise comparison preferences. In *Proceedings of the 31st International Joint Conference on Artificial Intelligence (IJCAI)*, pages 130–136, **Acceptance rate: 15%**, 2022.
70. Felix Brandt, Patrick Lederer, and René Romen. Relaxed notions of Condorcet-consistency and efficiency for strategyproof social decision schemes. In *Proceedings of the 21st International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*, pages 181–189, **Acceptance rate: 26%**, 2022.
69. Felix Brandt, Martin Bullinger, and Leo Tappe. Single-agent dynamics in additively separable hedonic games. In *Proceedings of the 36th AAAI Conference on Artificial Intelligence (AAAI)*, pages 4867–4874, **Acceptance rate: 15%**, 2022.
68. Felix Brandt, Martin Bullinger, and Anaëlle Wilczynski. Reaching individually stable coalition structures in hedonic games. In *Proceedings of the 35th AAAI Conference on Artificial Intelligence (AAAI)*, pages 5211–5218, **Acceptance rate: 21%**, 2021.
67. Felix Brandt, Martin Bullinger, and Patrick Lederer. On the indecisiveness of Kelly-strategyproof social choice functions. In *Proceedings of the 20th International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*, pages 251–259, **Acceptance rate: 25%**, 2021.
66. Florian Brandl, Felix Brandt, Dominik Peters, and Christian Stricker. Distribution rules under dichotomous preferences: Two out of three ain't bad. In *Proceedings of the 22nd ACM Conference on Economics and Computation (ACM-EC)*, pages 158–179, **Acceptance rate: 25%**, 2021.
65. Florian Brandl, Felix Brandt, Matthias Greger, Dominik Peters, Christian Stricker, and Warut Suksompong. Funding public projects: A case for the Nash product rule. In *Proceedings of the 17th International Conference on Web and Internet Economics (WINE)*, **Acceptance rate: 26%**, 2021.
64. Felix Brandt and Martin Bullinger. Finding and recognizing popular coalition structures. In *Proceedings of the 19th International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*, pages 195–203, **Acceptance rate: 23%**, 2020.
63. Felix Brandt and Anaëlle Wilczynski. On the convergence of swap dynamics to Pareto-optimal matchings. In *Proceedings of the 15th International Conference on Web and Internet Economics (WINE)*, Lecture Notes in Computer Science (LNCS), pages 100–113. **Acceptance rate: 32%**, Springer-Verlag, 2019.
62. Felix Brandt, Johannes Hofbauer, and Martin Strobel. Exploring the no-show paradox for Condorcet extensions using Ehrhart theory and computer simulations. In *Proceedings of the 18th International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*, pages 520–528, **Acceptance rate: 24%**, 2019.
61. Felix Brandt, Christian Saile, and Christian Stricker. Voting with ties: Strong impossibilities via SAT solving. In *Proceedings of the 17th International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*, pages 1285–1293, **Acceptance rate: 25%**, 2018.
60. Florian Brandl, Felix Brandt, and Christian Stricker. An analytical and experimental comparison of maximal lottery schemes. In *Proceedings of the 27th International Joint Conference on Artificial Intelligence (IJCAI)*, pages 114–120, **Acceptance rate: 20%**, 2018.
59. Felix Brandt, Johannes Hofbauer, and Martin Suderland. Majority graphs of assignment problems and properties of popular random assignments. In *Proceedings of the 16th International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*, pages 335–343, **Acceptance rate: 26%**, 2017.

58. Florian Brandl, Felix Brandt, and Johannes Hofbauer. Random assignment with optional participation. In *Proceedings of the 16th International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*, pages 326–334, **Acceptance rate: 26%**, 2017.
57. Felix Brandt, Christian Geist, and Martin Strobel. Analyzing the practical relevance of voting paradoxes via Ehrhart theory, computer simulations, and empirical data. In *Proceedings of the 15th International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*, pages 385–393, **Acceptance rate: 24%**, 2016.
56. Felix Brandt, Christian Geist, and Dominik Peters. Optimal bounds for the no-show paradox via SAT solving. In *Proceedings of the 15th International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*, pages 314–322, **Acceptance rate: 24%**, 2016.
55. Florian Brandl, Felix Brandt, and Christian Geist. Proving the incompatibility of efficiency and strategyproofness via SMT solving. In *Proceedings of the 25th International Joint Conference on Artificial Intelligence (IJCAI)*, pages 116–122, **Acceptance rate: 24%**, 2016.
54. Felix Brandt, Guillaume Chabin, and Christian Geist. Pnyx: A powerful and user-friendly tool for preference aggregation. In *Proceedings of the 14th International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*, pages 1915–1916, **Demonstration paper acceptance rate: 75%**, 2015.
53. Florian Brandl, Felix Brandt, and Martin Strobel. Fractional hedonic games: Individual and group stability. In *Proceedings of the 14th International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*, pages 1219–1227, **Acceptance rate: 25%**, 2015.
52. Florian Brandl, Felix Brandt, and Johannes Hofbauer. Incentives for participation and abstention in probabilistic social choice. In *Proceedings of the 14th International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*, pages 1411–1419, **Acceptance rate: 25%**, 2015.
51. Florian Brandl, Felix Brandt, Christian Geist, and Johannes Hofbauer. Strategic abstention based on preference extensions: Positive results and computer-generated impossibilities. In *Proceedings of the 24th International Joint Conference on Artificial Intelligence (IJCAI)*, pages 18–24, **Acceptance rate: 28%**, 2015.
50. Felix Brandt, Paul Harrenstein, and Hans Georg Seedig. Minimal extending sets in tournaments. In *Proceedings of the 13th International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*, pages 1539–1540, **Short paper acceptance rate: 46%**, 2014.
49. Felix Brandt and Christian Geist. Finding strategyproof social choice functions via SAT solving. In *Proceedings of the 13th International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*, pages 1193–1200, **Acceptance rate: 23%**, 2014.
48. Felix Brandt, Markus Brill, and Paul Harrenstein. Extending tournament solutions. In *Proceedings of the 28th AAAI Conference on Artificial Intelligence (AAAI)*, pages 580–586, **Acceptance rate: 28%**, 2014.
47. Haris Aziz, Felix Brandt, and Paul Harrenstein. Fractional hedonic games. In *Proceedings of the 13th International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*, pages 5–12, **Acceptance rate: 23%**, 2014.
46. Haris Aziz, Florian Brandl, and Felix Brandt. Universal Pareto dominance and welfare for plausible utility functions. In *Proceedings of the 15th ACM Conference on Economics and Computation (ACM-EC)*, pages 331–332, **Acceptance rate: 27%**, 2014.
45. Haris Aziz, Florian Brandl, and Felix Brandt. On the incompatibility of efficiency and strategyproofness in randomized social choice. In *Proceedings of the 28th AAAI Conference on Artificial*

Intelligence (AAAI), pages 545–551, **Acceptance rate: 28%**, 2014.

44. Felix Brandt, Paul Harrenstein, Keyvan Kardel, and Hans Georg Seedig. It only takes a few: On the hardness of voting with a constant number of agents. In *Proceedings of the 12th International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*, pages 375–382, **Acceptance rate: 22%**, 2013.
43. Haris Aziz, Felix Brandt, and Paul Stursberg. On popular random assignments. In *Proceedings of the 6th International Symposium on Algorithmic Game Theory (SAGT)*, volume 8146 of *Lecture Notes in Computer Science (LNCS)*, pages 183–194. **Acceptance rate: 38%**, Springer-Verlag, 2013.
42. Haris Aziz, Felix Brandt, and Markus Brill. On the tradeoff between economic efficiency and strategyproofness in randomized social choice. In *Proceedings of the 12th International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*, pages 455–462, **Acceptance rate: 22%**, 2013.
41. Haris Aziz, Felix Brandt, and Markus Brill. The computational complexity of random serial dictatorship. In *Proceedings of the 9th International Conference on Web and Internet Economics (WINE)*, volume 8289 of *Lecture Notes in Computer Science (LNCS)*, pages 24–25. **Acceptance rate: 24%**, Springer-Verlag, 2013.
40. Felix Brandt and Markus Brill. Computing dominance-based solution concepts. In *Proceedings of the 13th ACM Conference on Electronic Commerce (ACM-EC)*, page 233, **Acceptance rate: 33%**, 2012.
39. Felix Brandt, Markus Brill, and Hans Georg Seedig. On the fixed-parameter tractability of composition-consistent tournament solutions. In *Proceedings of the 22nd International Joint Conference on Artificial Intelligence (IJCAI)*, pages 85–90, **Oral presentation acceptance rate: 17%**, 2011.
38. Felix Brandt and Markus Brill. Necessary and sufficient conditions for the strategyproofness of irresolute social choice functions. In *Proceedings of the 13th Conference on Theoretical Aspects of Rationality and Knowledge (TARK)*, pages 136–142, **Plenary presentation acceptance rate: 27%**, 2011.
37. Felix Brandt. Group-strategyproof irresolute social choice functions. In *Proceedings of the 22nd International Joint Conference on Artificial Intelligence (IJCAI)*, pages 79–84, **Oral presentation acceptance rate: 17%**, 2011.
36. Haris Aziz, Felix Brandt, and Hans Georg Seedig. Stable partitions in additively separable hedonic games. In *Proceedings of the 10th International Conference on Autonomous Agents and Multiagent Systems (AAMAS)*, pages 183–190, **Acceptance rate: 22%**, 2011.
35. Haris Aziz, Felix Brandt, and Hans Georg Seedig. Optimal partitions in additively separable hedonic games. In *Proceedings of the 22nd International Joint Conference on Artificial Intelligence (IJCAI)*, pages 43–48, **Acceptance rate: 30%**, 2011.
34. Haris Aziz, Felix Brandt, and Paul Harrenstein. Pareto optimality in coalition formation. In *Proceedings of the 4th International Symposium on Algorithmic Game Theory (SAGT)*, *Lecture Notes in Computer Science (LNCS)*, pages 93–104. **Acceptance rate: 40%**, Springer-Verlag, 2011.
33. Felix Brandt, Felix Fischer, and Markus Holzer. On iterated dominance, matrix elimination, and matched paths. In *Proceedings of the 27th International Symposium on Theoretical Aspects of Computer Science (STACS)*, *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 107–118. **Acceptance rate: 23%**, LZI, 2010.

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