

December 2024

Curriculum Vitae

Shurojit Chatterji

Current Position

Professor, School of Economics,
Singapore Management University,
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Past Employment

Full Time Positions

Associate Professor, School of Economics, Singapore Management University 2008-11; Professor, Department of Economics, Warwick University 2007-08; Associate Professor, CIE, ITAM 2004-08; Assistant Professor, CIE, ITAM 2001-03; Lecturer, Planning Unit, Indian Statistical Institute 1996-2000.

Temporary Positions

Visting Professor, Department of Economics, Ca'Foscari University Venezia, January-February 2024; Visiting Professor, KIER Kyoto University, April-June 2024; Visiting Professor, KIER Kyoto University, October-December 2014; Visiting Professor, CEE, El Colegio de Mexico 2000-01; Visiting Professor, Department of Economics, Universidad de Alicante 1994-96; Visiting Scientist, Planning Unit, Indian Statistical Institute 1993-94.

Degrees

Ph.D. Economics, SUNY Stony Brook, 1993.
B.A. (with Honours in Economics), Delhi University 1988.

Research

Articles: Microeconomic theory, Mechanism Design, Dynamics

“On Strategy-proofness and the salience of single-peakedness in a private goods allotment problem”, (with Jordi Masso and Shigehiro Serizawa), *Games and Economic Behavior*, forthcoming.

“On the decomposability of fractional allocations”, (with Peng Liu), *Mathematical Social Sciences*, 132, 2024

“Decentralizability of efficient allocations with heterogenous forecasts”, (with Atsushi Kajii), *Journal of Economic Theory* 207, 2023

“A taxonomy of unidimensional non-dictatorial domains”, (with Huaxia Zeng), *arXiv:2201.00496v1*, *Games and Economic Behavior*, Volume 137, 2023.

“Mechanism design by observant and informed planners”, (with Arunava Sen), November 2021, *Review of Economic Design*, Volume 26, issue 4, December 2022.

“Efficiency, quality of forecasts and Radner equilibria”, (with Atsushi Kajii), *Pure and Applied Functional Analysis*, 2022 Volume 7, Number 6.

“Probabilistic fixed ballot rules and hybrid domains”, (with Souvik Roy, Soumyarup Sadhukhan, Arunava Sen and Huaxia Zeng), *arXiv:2105.10677*, *Journal of Mathematical Economics*, 100, May 2022.

“Random assignment of bundles”, with (Liu Peng), *Journal of Mathematical Economics*, Vol. 87, March 2020.

“Random mechanism design on multidimensional domains”, (with Huaxia Zeng), *Journal of Economic Theory*, Vol. 182, July 2019.

“On random social choice functions with the tops-only property” (with Huaxia Zeng), *Games and Economic Behavior*, Vol. 109, May 2018.

“On strategy-proofness and the salience of single-peakedness” (with Jordi Masso), *International Economic Review*, Vol. 59, No. 1, February 2018.

“A characterization of single-peaked preferences via random social choice functions”, (with Arunava Sen and Huaxia Zeng), *Theoretical Economics*, 11, Issue 2, May 2016.

“On divergent dynamics with ordinary least squares learning”, (with Ignacio Lobato), *Journal of Economic Behavior and Organization*, Volume 109, January 2015.

“Random dictatorship domains”, (with Arunava Sen and Huaxia Zeng), *Games and Economic Behavior*, Volume 86, July 2014.

“On domains that admit well-behaved strategy-proof social choice functions”, (with Remzi Sanver and Arunava Sen), *Journal of Economic Theory*, Volume 148, Issue 3, May 2013.

“The structure of strategy-proof random social choice functions over product domains and separable preferences”, (with Souvik Roy and Arunava Sen), *Journal of Mathematical Economics*, 48, 6, 2012.

“Tops-only domains” (with Arunava Sen), *Economic Theory*, 46, 2, 2011.

“Transformations of the state variable and learning dynamics”, (with Ignacio Lobato), *International Journal of Economic Theory*, 6, Issue 4, 2010.

“Weak monotonicity characterizes deterministic dominant strategy implementation”, (with Sushil Bikhchandani, Ron Lavi, Ahuva Mu’alem, Noam Nisan and Arunava Sen), *Econometrica* 74, No. 4, 2006.

“Functional sunspot equilibria”, (with Subir Chattopadhyay),
Journal of Mathematical Economics, 42, 2006.

“Message spaces for correlated equilibrium”, (with Srihari Govindan),
Economic Theory 28, Issue 2, 2006.

“Local coordination and market equilibria”, (with Sayantan Ghosal),
Journal of Economic Theory, 114, 2004.

“Subjective temporary equilibrium”,
Journal of Economic Dynamics and Control, 28, 2004.

“Dictatorial domains”, (with Navin Aswal and Arunava Sen),
Economic Theory, 22, 2003.

“The convergence of least squares learning in stochastic temporary equilibrium models”, *Economic Theory*, 20, 2002.

“Global stability in spite of local instability with learning”, (with Subir Chattopadhyay), *Journal of Mathematical Economics* 33, 2000.

“Temporary equilibrium dynamics with Bayesian learning”,
Journal of Economic Theory, 67, 1995.

Articles: Economics of Climate Change

“Unilateral emissions mitigation, spillovers, and global learning”, (with Sayantan Ghosal, Sean Walsh and John Whalley), *Climate Change Economics*, Volume No.05, Issue No. 3, August 2014

“Unilateral measures and emissions mitigation”, (with Sean Walsh, Sayantan Ghosal and J. Whalley), in Alex Bowen and John Whalley (eds): *The Global Development Post-Durban of Policy Regimes to Combat Climate Change, The Tricontinental Series on Global Economic Issues-Vol.4*, World Scientific 2014.

“Technology, unilateral commitments and cumulative emissions reduction”, (with Sayantan Ghosal), *CESifo Economic Studies* 55, 2, 2009 (refereed symposium issue).

Working Papers

“Rich by Accident: the Second Welfare Theorem with a Redundant Asset Under Imperfect Foresight” (with Atsushi Kajii), *Central Bank Communication Design working paper* No.048 (January 2024).

“Decomposability and Strategy-proofness in Multidimensional Models” (with Huaxia Zeng), *arXiv:2303.10889v2*

“Compellingness in Nash Implementation”, (with Takashi Kunimoto and Paulo Ramos), *SMU (Research Collection SOE) Working Paper* 07-2022.

Unpublished manuscripts

“Intertemporal efficiency does not imply a common price forecast”, (with Atsushi Kajii and Huaxia Zeng), *KIER discussion paper 999*, 2018.

“Intertemporal efficiency does not imply a common price forecast: a leading example”, (with Atsushi Kajii and Huaxia Zeng), *KIER discussion paper 992*, 2018.

“Contracting over prices”, (with Sayantan Ghosal), *SIRE Discussion Papers 2013-88*, Scottish Institute for Research in Economics (SIRE).

“Moral hazard, efficiency trade-offs and bank crisis”, (with Sayantan Ghosal), *Warwick University working paper*, 2009.

“Incentive compatibility in multi-unit auctions”, (with Sushil Bikhchandani and Arunava Sen), 2004.

“Learning, global dynamics and normalization rules”, (with Subir Chattopadhyay), 2002.

“Temporary equilibrium dynamics with learning: the stability of random walk beliefs”, IVIE discussion paper 1996.

Research Grants

Recipient as Co-investigator (with Takashi Kunimoto as Principal Investigator) of MOE T2EP402A20-0028 (Title: Robust Design of Institutions: An Implementation Theory Approach)

Recipient of MOE2016-T2-1-168 (Title: Well-Behaved Strategy-proof Social Choice in Economic Domains)

Recipient of SMU Research Grant 11-C244-SMU-03; Recipient of SMU Research Grant 10-C244-SMU-010; Recipient of SMU Research Grant C244/MSS8E003; Recipient of SMU Research Grant 13-C244-SMU-003

Doctoral supervision

Supervisor for Huaxia Zeng: “Three essays on Random Mechanism Design”, June 2016

Supervisor for Liu Peng: “On Random Assignment Problems”, June 2017

Member of Committee for Cuiling Zhang, “Essays on A Mechanism Design Approach to the Problem of Bilateral Trade and Public Good Provision”, June 2020

Supervisor for Paulo Ramos: “Essays on Social Choice and Implementation Theory”, July 2022

University Courses Taught

Graduate

Microeconomics for Ph.D in Economics; Microeconomics for Masters in Financial Economics; Dynamic Macroeconomics; Introduction to Mechanism Design; Topics in Mechanism Design; Topics in Decision Theory Managerial Economics for MBA and SMU Executive MBA

Undergraduate

Intermediate Macroeconomics; Intermediate Microeconomics; Game Theory; Intermediate Mathematics for Economics

Conferences (post 2004)

EAGT 2024, Jeju National University; Workshop on Mechanism Design, Malaga University 2022; Saarland Workshop in Economic Theory, 2022; SAET 2022; SAET 2021; 30th Stony Brook International Conference on Game Theory; IIMS Workshop NUS 2018; NASMES 2018; Social Choice and Welfare Meeting 2018; 2017 Asian Meeting of the Econometric Society, Hong Kong, June 2017; Conference on Economic Design, York, June 2017; Sing 12, University of Southern Denmark, Odense, 2016; 7th Shanghai Microeconomics Workshop, SUFE Shanghai, June 2016; IDGP 2015 Workshop “Institutions, Decisions and Government Practices: Theory, Simulations and Applications”, UAB Barcelona, June 2015; 35th Bosphorous Workshop on Economic Design, Turkey; Workshop on Distributive Justice, Institution and Behaviour, SNU Seoul 2013; SAET Paris 2013; ESAM Melbourne 2012; AMES 2011, Seoul; Social Choice and Welfare Society Meetings, Moscow 2010; SAET Meetings Singapore, 2010; FESAMES2009 University of Tokyo; GETA2009 Waseda University; 31st Bosphorous Workshop on Economic Design, Turkey, 2009; 4th Asian Decentralization Conference, Korea University 2009; Mechansim Design-Arne Ryde Foundation, University of Lund 2008; CRETA-University of Warwick 2007; Econometric Society World Congress 2005; SAET Meetings Vigo 2005; Spring Midwest Conference on Economic Theory 2005

Seminars

Murat Serter Center, Istanbul Bilgi University, February 2024; KIER Kyoto University, April 2024; Otaru University, April 2024; Hitotsubashi University, May 2024; Keio University, May 2024; Osaka University, May 2024; Kobe University, May 2024; ISER Osaka University, June 2024; HKUST, Hong Kong, December 2023; Indian Statistical Institute, New Delhi, September 2023; Bocconi University, April 2023; Ca’Foscari Venezia, April 2023; Korea University, April 2021; Online Social Choice Seminar, February 2021; Warwick University, October 2019; Cincinnati University, May 2019; Southern Methodist University, May 2019; Stony Brook University, February 2019; Rochester University May 2018; LAMSADE Dauphine University November 2018; KIT Karlsruhe December 2018; European University Institute, October 2017; Cambridge University, May 2017; De La Salle University, January 2017; KIER, Kyoto University, June 2016; Glasgow University, June 2015; NYU Abu Dhabi, April 2015; Osaka University, November 2014; Hitotsubashi University, November 2014; KIER Kyoto University October 2014; Academia Sinica, Taipei, November 2012; Seoul National University October 2012; University of Hong

Kong, October 2010; Indian Statistical Institute, October 2010; Istanbul Bilgi University, 2009; CRETA-University of Warwick 2007; Ohio State University May 2003; Bilkent University, March 2001; Warwick University, July 1999; CORE, University Catholique de Louvain, June 1999; Columbia University, May 1998; Institute of Advanced Studies, Vienna, May 1997; Bielefeld University, May 1997; Instituto de Analisis Economico, UAB, March 1996; CORE, University Catholique de Louvain, February 1995

Professional Activities

Member of Program Committee, Social Choice and Welfare Meetings 2006; Member of Program Committee, FEMES 2008; Session Organizer, AMES 2013; Member Programme Committee for 2018 International Conference on Economic Theory and Applications (Chengdu), 18-20 July 2018; Member of Program Committee, conference on mechanism and institution design (CMID20); Member of Program Committee, Social Choice and Welfare Meetings 2020; Session Organizer SAET 2021, Session Organizer SAET 2022, Member Program Committee 2022 Conference on Mechanism and Institution Design, Member Program Committee 2024 Conference on Mechanism and Institution Design, Member Program Committee EAGT 2024.

Referee for *American Economic Review*, *International Economic Review*, *Theoretical Economics*, *Economic Theory*, *Games and Economic Behavior*, *Journal of Economic Theory*, *Social Choice and Welfare*, *Journal of Economic Dynamics and Control*, *Mathematical Social Sciences*, *Review of Economic Design*, *Journal of Mathematical Economics*, *Mathematics of Operations Research*, *Econometrica*.

Associate Editor, Singapore Economic Review 2010-2011.

Organizer of SMU Workshop on Mechanism Design, 14-15 December 2016

Co-editor, Special Issue "Strategy-Proof Mechanism Design", 2022 *Games*

University Service

Chair, SMU Faculty Senate, 2011-13.

Member Faculty Grievance Commission, 2021-2024.

Awards

Lee Kong Chian Fellow, 2016-2020, Singapore Management University.

School of Economics (SMU) award for Research Excellence 2013