

# Satoshi Fukuda

September 1, 2020

## Contact Information

Bocconi University,  
Department of Decision Sciences,  
Via Roentgen 1, Milan 20136, Italy

[satoshi.fukuda@unibocconi.it](mailto:satoshi.fukuda@unibocconi.it)  
<https://websfukuda.wordpress.com/>

## Academic Positions

- 2017 Sep. - Assistant Professor, Department of Decision Sciences  
Bocconi University, Milan, Italy
- 2017 Sep. - Affiliate, IGIER (the Innocenzo Gasparini Institute for Economic Research)  
Bocconi University, Milan, Italy

## Education

- 2011-17 Ph.D. in Economics, University of California, Berkeley
- 2009-11 Master of Policy Studies, Graduate School of Policy Studies, Chuo University, Tokyo, Japan  
Fields of Study: Economics and Law
- 2005-09 Bachelor of Policy Studies, Faculty of Policy Studies, Chuo University, Tokyo, Japan  
Fields of Study: Economics and Law

## Research Fields

Microeconomic Theory, Game Theory, Information Economics, Mathematical Economics  
Epistemic Game Theory, Mechanism Design, Dynamic Contract Theory

## Published/Forthcoming Papers

- “Negotiations with Limited Specificifiability” with Yuichiro Kamada, American Economic Journal: Microeconomics, Forthcoming
- “Formalizing Common Belief with No Underlying Assumption on Individual Beliefs” Games and Economic Behavior 121 (2020): 169-189
- “Epistemic Foundations for Set-algebraic Representations of Knowledge” Journal of Mathematical Economics 84 (2019): 73-82
- “From Equals to Despots: The Dynamics of Repeated Decision Making in Partnerships with Private Information” with Vinicius Carrasco and William Fuchs, Journal of Economic Theory 182 (2019): 402-432

## Conference Proceedings

- “On the Consistency among Prior, Posteriors, and Information Sets (Extended Abstract)” Electronic Proceedings in Theoretical Computer Science (EPTCS), 297 (2019): 189-205

## Working Papers

“The Existence of Universal Qualitative Belief Spaces”

“Are the Players in an Interactive Belief Model Meta-certain of the Model Itself?”

“On the Consistency among Prior, Posteriors, and Information Sets”

“An Information Correspondence Approach to Bridging Knowledge-Belief Representations in Economics and Mathematical Psychology”

“Can the Crowd be Introspective? Modeling Distributed Knowledge from Collective Information through Inference”

“Unawareness without AU Introspection”

“A Type Space Approach to Hierarchies of Beliefs, Preferences, and Expectations”

“Topology-free Bottom-up Constructions of a Universal Type Space”

“Axiomatizations of Unawareness Structures by Underlying Properties of Knowledge”

“ASEAN Financial Integration” (IMF Working Paper 15/34) with Geert Almekinders, Alex Mourmouras, Jianping Zhou, and Yong Sarah Zhou

## Teaching Experience

Introduction to Real Analysis I (Measure and Integration Theory), PhD Statistics Core Course, Bocconi U. (Fall 2017, 2018, 2019)

Mathematics: General (Single- and Multi-variable Differential Calculus and Linear Algebra), International Economics and Finance Program, Bocconi U. (Fall 2017, 2018, 2019)

Mathematics: Theory and Methods (Differential and Integral Calculus and Linear Algebra), Economic and Social Sciences Program, Bocconi U. (Fall 2017, 2018, 2019)

Independent Studies/Field Studies (Spring 2019, Fall 2019, Spring 2020)

## Other Teaching Experience

Guest Lecture, Department of Economics, UC Berkeley (February 2016)

Dynamic Game Theory and Applications (Graduate)

Teaching Assistant, Faculty of Policy Studies, Chuo University (2009-10)

Calculus, Linear Algebra, Game Theory I, Game Theory II

## Other Employment/Services

Theory and Experiments Seminar Co-Organizer, Dept. of Decision Sciences, Bocconi U. (2018/19-19/20)

Junior Hiring Interviewing Committee, Dept. of Decision Sciences, Bocconi U. (2017/18-)

Microeconomics Theory Seminar Coordinator, Dept. of Economics, UC Berkeley (Fall 2015, Spring 2016)

Research Assistant to Prof. Chris Shannon, Dept. of Economics, UC Berkeley (Spring 2016)

Research Assistant to Prof. Yuichiro Kamada, Haas School of Business, UC Berkeley (July 2015)

Research Assistant to Prof. William Fuchs, Haas School of Business, UC Berkeley (Fall 2014, Spring 2015, Fall 2015)

Summer Intern, International Monetary Fund, Washington D.C. (Summer 2014)

Research Assistant to Prof. David Ahn, Dept. of Economics, UC Berkeley (July 2012)

## Seminar/Conference Presentations/Attendance

2020 (incl. scheduled) SAET (an independently organized “Dynamic Games and High Order Beliefs” session, Online), Michigan (Online), Bocconi (Decision Sciences and Economics, Internal, Online), CTWZ (Contract Theory Workshop on Zoom, Online)

2019 European Winter Meeting of the Econometric Society (Erasmus School of Economics, Rotterdam), Rochester, Japanese-German Workshop on Contracts and Incentives (LMU Munich, attendance), SWET/DTW (Summer Workshop on Economic Theory/Decision Theory Workshop, Otaru), TARK XVII (Theoretical Aspects of Rationality and Knowledge, Toulouse School of Economics, Poster and Rump sessions), ESSET (European Summer Symposium in Economic Theory, Gerzensee), SAET (Society for the Advancement of Economic Theory, Ischia)

2018 LOFT 13 (Logic and the Foundations of Game and Decision Theory, Bocconi), Models of Bounded Reasoning in Individuals and Groups (Lorentz Center, Leiden)

2017 Workshop on Reasoning About Strategic Interaction and Emotions (Bocconi), Bocconi (Decision Sciences, Internal), The 3rd Hitotsubashi Summer Institute, Yokohama National U, Paris School of Economics (Bounded Rationality and Behavioral Economics Summer School), Kansas Workshop on Economic Theory, Rochester, Bocconi (Decision Sciences), Queensland, AEA-ASSA (Chicago, Attendance)

2016 UC Berkeley, Waseda

2015 The 26th Jerusalem School in Economic Theory (the Hebrew University of Jerusalem, Poster)

2014 Interdisciplinary Workshop on “Game Theory at UC Davis” (UC Davis, Attendance)

## Conference Organization

2021 LOFT 14, a program committee member

2018 LOFT 13, a program committee member

## Awards/Fellowships

2019- Visiting Faculty Fellow, the Policy Studies Forum, Tokyo

2016-17 UC Berkeley Doctoral Completion Fellowship

2015,16 Graduate Division Summer Grant, UC Berkeley

2012-14 Japan-IMF Scholarship, International Monetary Fund, Washington D.C.

2011-12 Scholarship, 21st Century Culture and Science Foundation (Kikawada Foundation), Tokyo

2011 Valedictorian, Graduate School of Policy Studies, Chuo University

2009-11 Full Scholarship (awarded to one student), Graduate School of Policy Studies, Chuo University

2007,08,09 Academic Excellency Award, Chuo University

## Refereeing

Economic Theory, European Journal of Operational Research, Games and Economic Behavior, Journal of Economic Theory, LOFT (2018), SIAM Journal of Optimization, TARK (2019)

## Other Information

Languages: English (fluent), Japanese (native)  
Citizenship: Japan  
Computing Skills: MATLAB, Mathematica  
Affiliation: American Economic Association, Econometric Society, Society for the Advancement of Economic Theory

## References

Prof. David Ahn (Thesis Advisor)  
[dahn@econ.berkeley.edu](mailto:dahn@econ.berkeley.edu)

Department of Economics  
University of California, Berkeley  
530 Evans Hall, #3880  
Berkeley, CA 94720-3880, USA

Prof. William Fuchs  
[william.fuchs@mcombs.utexas.edu](mailto:william.fuchs@mcombs.utexas.edu)  
[wfuchs@eco.uc3m.es](mailto:wfuchs@eco.uc3m.es)

McCombs School of Business  
University of Texas, Austin  
2110 Speedway, B6000  
Austin, TX 78705, USA  
Department of Economics  
Universidad Carlos III Madrid  
Calle Madrid 126 28903, Getafe, Spain

Prof. Chris Shannon  
[cshannon@econ.berkeley.edu](mailto:cshannon@econ.berkeley.edu)

Department of Economics  
University of California, Berkeley  
530 Evans Hall, #3880  
Berkeley, CA 94720-3880, USA