

BIUNG-GHI JU

Curriculum Vitae (2008-1-14)

Assistant Professor

Department of Economics, Korea University

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EDUCATION

- **1997-2001:** University of Rochester, Dept. of Economics, Rochester, New York
Ph.D., Economics, University of Rochester, October 2001
M.A., Economics, University of Rochester, June 1999
- **1989-1995:** Seoul National University, Dept. of Economics, Seoul, Korea
M.A., Economics, Seoul National University, February 1995
B.A., Economics, Seoul National University, February 1993

ACADEMIC EMPLOYMENT

- **2006-Present:** Korea University, Dept. of Economics, Seoul, Korea
Assistant Professor
- **2001-2006:** The University of Kansas, Dept. of Economics, Lawrence, Kansas
Assistant Professor and Charles W. Oswald Faculty Scholar
- **1997-2001:** University of Rochester, Dept. of Economics, Rochester, New York
Teaching Assistant, Research Assistant, and Lecturer

RESEARCH INTERESTS

Economic Theory, Social Choice Theory, Public Economics, Game Theory, Mechanism Design

TEACHING INTERESTS

Microeconomic Theory, Social Choice Theory, Public Economics, Game Theory, General Equilibrium and Welfare Economics, Mathematical Economics

PAPERS

Published Papers

- "On the Equivalence between Progressive Taxation and Inequality Aversion", with Juan D. Moreno-Ternero, 2007
Social Choice and Welfare, forthcoming
- "Efficiency and Consistency for Locating Multiple Public Facilities",
Journal of Economic Theory, 138: 165-183, 2008
- "Coalitionally Strategy-Proof Voting Rules for Separable Weak Orderings",
JETEM (Journal of Economic Theory and Econometrics), 18(4): 43-51, 2007
- "Non-Manipulable Division Rules in Claim Problems and Generalizations", with Eiichi Miyagawa and Toyotaka Sakai,
Journal of Economic Theory, 132: 1-26, 2007
- "Unanimity and Resource Monotonicity",
Theory and Decision, 59: 1-17, 2005
- "A Characterization of Plurality-Like Decision Based on Non-Manipulability, Restricted Efficiency, and Anonymity",
International Journal of Game Theory, 33: 335-354, 2005
- "An Efficiency Characterization of Plurality Social Choice on Simple Preference Domains",
Economic Theory, 26(1): 115-128, 2005
- "Strategy-Proof Risk Sharing",
Games and Economic Behavior, 50(2): 225-254, 2005
- "Continuous Selections from the Pareto Correspondence and Non-Manipulability in Exchange Economies",
Journal of Mathematical Economics, 40(5): 573-592, 2004
- "Strategy-Proofness versus Efficiency in Exchange Economies: General Domain Properties and Applications"
Social Choice and Welfare, 21(1): 73-93, 2003
- "Manipulation via Merging and Splitting in Claims Problems",
Review of Economic Design, 8: 205-215, 2003
- "A Characterization of Strategy-Proof Voting Rules for Separable Weak Orderings",
Social Choice and Welfare, 21(3): 469-499, 2003

Papers under Review

- "Individual Powers and Social Consent: An Axiomatic Approach", March 2007
- "Progressivity, Inequality Reduction and Merging-Proofness in Taxation", January 2007, with Juan D. Moreno-Ternero
- "Coalitional Manipulation on Networks", April 2007
- "Information Goods and Fair Division", with Sangyoung Sonn (in Korean),

December 2007

Working Papers

- "Nash Implementation under Range-Restrictions", July 2001 (Revision: March 2005)
- "Nash Implementation and Opportunity Equilibrium", July 2001 (Revision: May 2005)
- "Strategy-Proof Risk Sharing for Uncertainty Averse Preferences", July 2002 (Revision: April 2005)

Works in Progress

- "Avoiding Donation Paradox in Taxation", 2005, with Juan D. Moreno-Ternero
- "Reduction-consistency and the Condorcet principle in collective choice problems", 2005, with Yan-An Hwang and Chun-Hsien Yeh
- "Claims Market and Bankruptcy Rules" 2005
- "Bankruptcy Problems with Differentiated Assets", December 2003
- "Nash Implementation of Equitable Social Choice Rules in Economic Environment", March 2000

Thesis

- *Essays in Mechanism Design*, Ph.D. Dissertation, University of Rochester
Advisor: Professor William Thomson
- *Morals, Rationality and Prisoner's Dilemma*(in Korean), MA Thesis, Seoul National University

Lecture Notes in Progress

- *Welfare Economics*, March 2005
- *Microeconomics*, March 2005

TEACHING EXPERIENCE

Graduate Courses

- Information Economics
2006 Fall, Korea University
- Public Economics I
2007 Fall, 2006 Spring, Korea University
- Public Economics II
2006 Fall, Korea University

- Microeconomic Theory Seminar
2006 Spring and Fall, 2007 Spring, Korea University
- Game Theory and Industrial Organization
2006 Spring (ECON830, The University of Kansas, Dept. of Economics)
- Microeconomic Theory
2001 Fall, 2002 Fall, 2005 Fall (ECON801, The University of Kansas, Dept. of Economics)
- General Equilibrium and Welfare Economics
2003 Spring, 2004 Spring (ECON802, The University of Kansas, Dept. of Economics)
- Graduate Mathematical Economics II
2006 Spring (ECON809, The University of Kansas, Dept. of Economics)
- Mathematics Review
2000 Summer (University of Rochester, Dept. of Economics)

Undergraduate Courses

- Principles of Economics I
2006 Fall, Korea University
- Introduction to Welfare Economics
2003 Fall, 2004 Fall, 2005 Spring and Fall, 2006 Spring (ECON675, The University of Kansas, Dept. of Economics)
- Microeconomics
2001 Fall, 2002 Spring and Fall, 2003 Spring and Fall, 2004 Spring and Fall, 2005 Spring and Fall (ECON520, The University of Kansas, Dept. of Economics)
- Theory of Taxation
2007 Fall, Korea University

INTERNATIONAL CONFERENCES PARTICIPATION

- Joint Conference in Game Theory and Decentralization, Academia Sinica, IEAS, October 19-22, 2007 (Invited)
- Summer School on Political Economy and Social Choice, University of Malaga, June 9-12, 2007 (Invited)
- Summer School on "Economic Analysis of Heterogeneity in Social Organizations", CORE, June 4-7, 2007 (Invited)
- North American Summer Meetings of the Econometric Society, Duke University, June 21-24, 2007
- GETA: General Equilibrium Theory Asian Conference, IEAS, Academia Sinica, June 30-July 1, 2006 (Invited)
- Resource Allocation and Game Theory Conference in the Wallis Institute of Political Economy, University of Rochester, April 21-22, 2006 (Invited)

- NBER/NSF/CEME Conference on General Equilibrium Theory, The University of Kansas, Lawrence, KS, October 6-8, 2006
- The Program Chair of Midwest Economic Theory Meeting, The University of Kansas, Lawrence, KS, October 2005
- Pan-Pacific Game Theory Conference, IEAS, Academia Sinica, Taiwan, November 24-26, 2005 (Invited)
- Game Theory and Social Choice Mini Conference in the Wallis Institute of Political Economy, University of Rochester, April 16-17, 2004 (Invited)
- Asian Decentralization Conference, Seoul, Korea, May 2005
- Game Theory and Social Choice Mini Conference in the Wallis Institute of Political Economy, University of Rochester, April 16-17, 2004 (Invited)
- Midwest Economic Theory Meeting, Vanderbilt University, Nashville, TN, April, 2005
- Midwest Economic Theory Meeting, Washington University, Saint Louis, November 5-7, 2004
- The Society of Social Choice and Welfare: the Seventh World Conference, Osaka University, July 21-25, 2004
- The Econometric Society, Far Eastern Meeting, Yonsei University, Seoul, Korea, June 29 - July 3, 2004
- Miniconference in the Wallis Institute of Political Economy, University of Rochester, April 25-26, 2003 (Invited)
- The Econometric Society, Winter Meeting, Washington, D.C., January, 2003
- Midwest Economic Theory Meeting, University of Notre Dame, October 18-20, 2002
- The Society of Social Choice and Welfare: the Sixth World Conference, California Institute of Technology, July 11-14, 2002
- The Society for Economic Design: SED 2002, New York, July 6-9, 2002
- Midwest Economic Theory Meeting, the Kellogg Graduate School, Northwestern University, May 3-5, 2002
- The 13th International Conference on Game Theory, SUNY at Stony Brook, July 2001
- The Society of Social Choice and Welfare: the Fifth World Conference, Alicante, Spain, June 2000
- Midwest Economic Theory Meeting, University of Minnesota, Minneapolis, October 2000

KOREAN CONFERENCES PARTICPATION

- Korean Society of Public Finance, October 6, 2007
- Korean Econometric Society Meeting, February, 2007

INVITED TALKS

- University of Hong Kong, December 21, 2007

- National University of Singapore, Department of Economics, November 16, 2007
- POSTECH, Department of Mathematics, May 18, 2007
- Hallym University, May 3, 2007
- Seoul National University, April 12, 2007, in the seminar series in memory of T.S. Kim
- Kookmin University, November 3, 2006
- Chonnam National University, September 15, 2006
- IEAS, Academia Sinica, November 23, 2005
- Vanderbilt University, Department of Economics, October 28, 2005
- Concordia University, Department of Economics, October 21, 2005
- HEC Montreal, October 20, 2005
- Sung Kyun Kwan University, Department of Economics, June, 2005
- Yonsei University, Department of Economics, May 2005
- University of Montreal, Department of Economics, November, 2003
- Seoul National University, June, 2003
- Iowa State University, Department of Economics, November 15, 2002
- University of Nebraska at Lincoln, Department of Economics, April 18, 2002
- State University of New York at Albany, March 15, 2002
- University of Windsor, Department of Economics, April 20, 2001

VISITING

- CORE, 2007
- Academia Sinica, IEAS, June 28-July 5, 2006
- University of Rochester, Department of Economics, Feb. 8-14, 2006
- Academia Sinica, IEAS, November 22-27, 2005

REFEREEING EXPERIENCE

Economic Letters, Economic Theory, Games and Economic Behavior, International Journal of Game Theory, International Game Theory Review, Journal of Economic Theory, Journal of Mathematical Economics, Journal of Public Economic Theory, Mathematical Social Science, Mathematics of Operations Research, Quarterly Journal of Business and Economics, Rationality and Society, Review of Economic Design, Social Choice and Welfare, Southern Economic Journal

National Science Foundation (NSF)

MEMBERSHIPS

The Econometric Society
 The Society of Social Choice and Welfare
 The Society of Economic Design
 Game Theory Society

Reviewer for Mathematical Reviews since May 2006
Korean Econometric Society
Korean Public Finance Society

Co-editor of the Journal of Korean Econometric Society since September 2007
Associate editor of Korean Economic Review since June 2007

RESEARCH FUNDS/AWARDS

- Korea Research Foundation, 2006/Oct.~2007/Oct.
- The University of Kansas, Travel Support: March 2006
- The University of Kansas, General Research Fund: May 2003 - May 2005
- 1997-2001 Graduate Fellowship, University of Rochester
- 1997-2001 Tuition Scholarship, University of Rochester
- 1998, 1999 University of Rochester Summer Research Grants

REFERENCES

William Thomson

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