

## Sang Yoon (Tim) Lee

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### ACADEMIC EMPLOYMENT AND AFFILIATIONS

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Assistant Professor, Toulouse School of Economics	Jan 2017-
Research Affiliate, CEPR Macroeconomics and Growth	Dec 2016-
Visiting Junior Chair, Toulouse School of Economics	Jan-Dec 2016
Assistant Professor, University of Mannheim	Sep 2011-Dec 2016 (on leave Jan-Dec 2016)

### EDUCATION

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Ph.D. Economics, University of Wisconsin-Madison	Aug 2011
M.S. Economics, University of Wisconsin-Madison	Dec 2007
B.A. Economics ( <i>magna cum laude</i> ), Seoul National University, Korea	Feb 2002

### WORKING PAPERS

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1. **Entrepreneurs, Managers and Inequality** 2nd round, *Review of Economic Dynamics*
2. **On the Intergenerational Transmission of Economic Status** with Ananth Seshadri  
3rd round, *Journal of Political Economy*
3. **Economic Policy and Equality of Opportunity** with Ananth Seshadri, forthcoming, *Economic Journal*
4. **The Option Value of Human Capital: Higher Education and Wage Inequality**  
with Donghoon Lee and Yongseok Shin, *NBER w21724*
5. **The Causal Effect of Parents' Education on Children's Earnings** with Nicolas Roys and Ananth Seshadri  
revise and resubmit, *American Economic Review*
6. **Horizontal and Vertical Polarization: Task-Specific Technological Change in a Multi-Sector Economy**  
with Yongseok Shin, *NBER w23283*

### WORKS IN PROGRESS

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1. **Binding Up the Nation's Wounds: An Economic Analysis of the Korean Reunification** with Yongseok Shin
2. **Can Redistribution Lead to Economic Development?** with Hans Holter and Ananth Seshadri
3. **Human Capital Accumulation in Germany: The Persistent East-West Divide?**  
with Wolfgang Dauth and Sebastian Findeisen
4. **Waxing Jobs and Waning Industries** with Sangmin Aum and Yongseok Shin
5. **Computerizing Industries and Routinizing Jobs: Explaining Trends in Aggregate Productivity**  
with Sangmin Aum and Yongseok Shin  
to be presented at *Carnegie-Rochester-NYU Conference on Public Policy*

## OTHER WORK

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### 1. Industrial and occupational employment changes during the Great Recession

with Sangmin Aum and Yongseok Shin, forthcoming, *Federal Reserve Bank of St. Louis Review*

## AWARDS AND GRANTS

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PEDL Major Research Grant (£238,564.80, with Yongseok Shin)	Jan 2015-Dec 2017
Fritz Thyssen Stiftung (with Benjamin Born, Georg Dürnecker and Cezar Santos)	May 2013
Autonomefonds, University of Mannheim	Mar 2013
Alice Gengler Distinguished Graduate Fellowship, Dept of Economics, UW-Madison	Sep 2010 - May 2011
NBER Travel Grant, Entrepreneurship Working Group	Jul/Dec 2010
Best Student Paper Award, Southwestern Economics Association	Mar 2010
Economics Merit Scholarship, Seoul National University	1999 - 2000

## SHORT VISITS

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University of Oslo	Nov 2016
Washington University in St. Louis	Sep 2016, Aug 2015, Aug 2012
Seoul National University	Aug/Jun 2016, Aug 2011
Federal Reserve Bank of St. Louis	Apr 2016, Feb 2014, July 2013, Jan 2012
University of Wisconsin-Madison	Apr 2016, Summer 2013
University of Notre Dame	Apr 2016
KDI School	Oct 2015
University College London	Feb 2015
Arizona State University	Oct 2014
Federal Reserve Bank of Atlanta	Aug 2012

## INVITED SEMINARS

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- 2017 - (including scheduled) Bonn (BRIQ), Kent, Nazarbayev University, Bristol, NUS, UNSW, LSE, University of Amsterdam/Tinbergen, ESADE, Lancaster
- 2016 - École Polytechnique, Oslo, EUI, Universitat de Barcelona, UW-Madison, Notre Dame
- 2015 - CORE, Autònoma Barcelona, KDI School, Essex×2, MadMac (CEMFI/Carlos III), Toulouse, IFS/UCL
- 2014 - Cyprus, IIES Stockholm, Uppsala, Southampton, Western University
- 2012 - Konstanz, Bonn, FRB Atlanta, FRB St. Louis
- 2011 - Samsung Economic Research Institute, Korea Institute for International Economic Policy, Mannheim, Western Ontario, Wharton (Finance), FRB Richmond
- 2010 Collegio Carlo Alberto, UW-Madison

## CONFERENCE PRESENTATIONS

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- 2017 - (including scheduled) Carnegie-Rochester-NYU conference, RIDGE (IEA World Congress, Mexico City), ES North American Summer Meeting (St. Louis), Transpyrenean Macro Workshop, NBER EFG (New York)
- 2016 - Jornadas de Economía Industrial (Mallorca), EEA Geneva, Minnesota Macro, SED Toulouse, GTD Taipei, Transpyrenean Macro Workshop, AEA San Francisco
- 2015 - EEA Mannheim, ES World Congress (Montreal), IGC Growth Workshop (Addis), 13th International Conference on the Ethiopian Economy (Addis), Macroeconomic Implications of Firm-Labor Heterogeneity & Family Economics Workshops (Barcelona Summer Forum), AEA Boston
- 2014 - ES European Winter Meeting (Madrid), ASSET (Aix-en-Provence), Tax and the Aggregate Economy (ASU), Normative Ethics and Welfare Economics (BFI), The economics of study choices (Zurich), Economic Inequality, Labor Markets and International Trade (CEPR), AEA Philadelphia
- 2013 - Frankfurt-Mannheim Macro Workshop, International Conference on Financial Frictions and the Real Economy (DFG), Family Economics Workshop (Barcelona Summer Forum), CEPR ESSIM

- 2012 - Vienna Macro Workshop, Cologne Workshop on Macroeconomics, SED Cyprus, Mannheim-Frankfurt Macro Workshop, AEA Chicago
- 2011 - Micro and Macro Perspectives on the Aggregate Labor Market (NBER), ES Asian Summer Meeting (Seoul), RES Royal Holloway, MEA St. Louis
- 2010 ASSET (Alicante), SSSA Houston, MEA Evanston

#### CONFERENCE DISCUSSIONS

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CEPR ESSIM (Tarragona, 2017 *scheduled*), MaCCi IO Day (Mannheim, 2015), Mannheim-Frankfurt Macro Workshop (2014), IREBS Real Estate Economics and Finance (Regensburg, 2012), MEA 2010/2011, SSSA 2010

#### PROFESSIONAL SERVICES

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- **Refereeing:** JEEA, JET, AER, RED, ReStud, JHC, Labour Economics, Econometrica
- **Conferences/Workshops:** Co-Organizer, Mannheim Workshop in Quantitative Macro (2016,2014,2013)  
Co-Organizer, Frankfurt-Mannheim Macro Workshop 2015  
Assistant Program Committee Member, ES Winter Meetings, Madrid 2015
- **Recruiting Committee:** TSE 2017, University of Mannheim 2012-2015
- **Internal Seminar:** Organizer, University of Mannheim 2014

#### TEACHING/EXPERIENCE

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**Toulouse School of Economics:** 2 MA theses supervised  
External Ph.D. examiner: Johanna Schauer (*IMF*) 2016

- Applied Econometrics (M1) Fall 2016/Spring 2017
- Heterogeneity in Quantitative Macroeconomics (DEEQA) Fall 2016
- Quantitative Models of Inequality (DEEQA Mini-Course) Spring 2016

**University of Mannheim:** 25 BA theses, 3 MA theses, 3 Ph.D. dissertation proposals supervised  
Ph.D. committee member: Henning Roth (*Alte Leipziger-Hallesche*) 2016

- Advanced Macroeconomics I (Ph.D. core) Fall 2015/2014
- Economic Growth (BA) Spring 2015, Fall 2013
- Growth Comparisons (BA seminar course) Spring 2014, Spring/Fall 2012
- Topics in Quantitative Macroeconomics (Ph.D.) Fall 2013, Spring 2013/2012
- Growth Comparisons (MA seminar course) Spring/Fall 2013, Fall 2011
- Growth and Development (BA) Fall 2012/2011

#### University of Wisconsin-Madison/SNU:

- Instructor, Intermediate Macroeconomics Summer 2013
- Teaching Assistant, Macroeconomic Theory (Ph.D. core) Fall 2006 - Spring 2007, Spring 2010
- Teaching Assistant (Head TA), Principles of Macroeconomics Fall 2009
- Teaching Assistant, Statistics: Measurement in Economics (BA) Fall 2008 - Spring 2009
- Project Assistant to Professor Ananth Seshadri Summer 2009, Fall 2007 - Spring 2008
- Project Assistant to Professor Keunkwan Ryu Fall 2000 - Summer 2001

#### SKILLS

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- Computers: F90/95, C/C++, MPI Parallel Programming; Python; Matlab, Stata, L<sup>A</sup>T<sub>E</sub>X; Linux O/S
- Languages: Korean (*native*), English (*native*), German (*basic*)

**MILITARY SERVICE (REPUBLIC OF KOREA)**

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Command Group Interpreter	UNC/CFC (Seoul)	Jul 2003 - Jun 2005
Intel Officer/Network Administer	CIOC, CFC (Seoul)	Jan 2003 - Jun 2003
Logistics/Liaison Officer	ROKAF Logistics Command / JUSMAG-K (Daegu)	Sep 2002 - Dec 2002
Air Force Interpreter Training	ROKAF Operations Command (Osan)	Jul 2002 - Sep 2002
Air Force Officer Candidate School	ROKAF Education & Training Command (Jinju)	Mar 2002 - Jun 2002
U.S. Army Commendation Medal		Mar 2005
U.S. Army Achievement Medal		Sep 2003

**OTHER**

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Fundraising / Community Development for Chimteka Children Support, Ltd	2011-2016 (Malawi/Ireland)
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