

## 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

### PUBLICATIONS

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- 1. On the Intergenerational Transmission of Economic Status** with Ananth Seshadri  
forthcoming, *Journal of Political Economy*
- 2. Economic Policy and Equality of Opportunity** with Ananth Seshadri  
forthcoming, *Economic Journal*
- 3. Computerizing Industries and Routinizing Jobs: Explaining Trends in Aggregate Productivity**  
with Sangmin Aum and Yongseok Shin  
*Journal of Monetary Economics*, July 2018  
special edition on *The Consequences of Transformative Technical Progress for the Macroeconomy*  
prepared for the *Carnegie-Rochester-NYU Conference on Public Policy*, Nov 2017
- 4. Industrial and occupational employment changes during the Great Recession**  
with Sangmin Aum and Yongseok Shin  
*Federal Reserve Bank of St. Louis Review*, 2017, 99(4), pp. 307-17

### WORKING PAPERS

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- 5. Entrepreneurs, Managers and Inequality** 3rd round, *Review of Economic Dynamics*
- 6. The Causal Effect of Parents' Education on Children's Earnings** with Nicolas Roys and Ananth Seshadri  
revised and resubmitted to *American Economic Review*
- 7. The Option Value of Human Capital: Higher Education and Wage Inequality**  
with Donghoon Lee and Yongseok Shin  
NBER w21724  
revise and resubmit, *Journal of the European Economic Association*
- 8. 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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9. **Binding Up the Nation's Wounds: An Economic Analysis of the Korean Reunification** with Yongseok Shin
10. **Labor Market Allocation, Human Capital and Development: Evidence from Germany's Reunification**  
with Wolfgang Dauth, Sebastian Findeisen and Tommaso Porzio
11. **Waxing Jobs and Waning Industries** with Sangmin Aum and Yongseok Shin
12. **Can Redistribution Lead to Economic Development?** with Hans Holter and Ananth Seshadri

## AWARDS AND GRANTS

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PEDL Major Research Grant (£238,564.80, with Yongseok Shin)	Jan 2015-Jun 2018
Fritz Thyssen Stiftung (with Benjamin Born, Georg Dürnecker and Cezar Santos)	May 2013
Autonomiefonds, 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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Washington University in St. Louis	Apr 2018, Jun/Jul 2017, Sep 2016, Aug 2015, Aug 2012
University of San Diego	Apr 2018
Johns Hopkins University	Apr 2018
Seoul National University	Aug 2017, Jun/Aug 2016, Aug 2011
University of Oslo	Nov 2016
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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- 2018 - *(including scheduled)* Johns Hopkins University, Stockholm School of Economics, Sciences Po, Queen Mary University of London
- 2017 - Kent, Bristol, Cambridge, 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 (Macro), 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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- 2018 - (including scheduled) SED Mexico City, SAET Taipei (invited), CEPR-ESSIM Oslo, Transpyrenean Macro Workshop, GRIPS-Keio Macro & Policy Workshop (Tokyo; invited), 2nd Swiss Macro Workshop (Sils-Maria, Switzerland; invited)
- 2017 - Carnegie-Rochester-NYU conference (invited), RIDGE (IEA World Congress, Mexico City; invited), ES North American Summer Meeting (St. Louis; invited), Transpyrenean Macro Workshop, NBER EFG (New York)
- 2016 - Jornadas de Economía Industrial (Mallorca; invited), 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; invited), 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; invited), Normative Ethics and Welfare Economics (BFI; invited), 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 Izmir
- 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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Mannheim Workshop in Quantitative Macro (2018), CEPR ESSIM (Tarragona, 2017), 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:** Economic Theory, Journal of the European Economic Association, European Economic Review, Review of Economic Studies, Review of Economic Dynamics, Journal of Economic Theory, American Economic Review, Journal of Human Capital, Labour Economics, Econometrica
- **Conferences/Workshops:** Co-Organizer, International Workshop on Financing Human Capital, Paris 2018; 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
- **Seminar Organization:** Macro Seminar, TSE 2017-2018; Internal Seminar, University of Mannheim 2014

## TEACHING/EXPERIENCE

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<b>Toulouse School of Economics:</b>	3 MA theses, 1 Ph.D. dissertation proposal supervised
External Ph.D. examiner:	Johanna Schauer ( <i>IMF</i> , 2016)
Quantitative Methods in Economics (M2)	Spring 2018
Advanced Macroeconomics (M1)	Spring 2018
Heterogeneity in Quantitative Macroeconomics (DEEQA)	Fall 2016/2017
Applied Econometrics (M1)	Fall 2016/Spring 2017

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: Florian Exler (*University of Vienna*, 2017)  
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 2011/2012

**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: English (*native*), Korean (*native*), German (*basic B1*), French (*basic B1*)

**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 Aug 2011-Nov 2016  
(Malawi/Ireland)