LEK-HENG LIM

E-mail: `lekheng@uchicago.edu`; Web: `http://www.stat.uchicago.edu/~lekheng`;
Permanent Residence: United States; Citizenship: Singapore

EMPLOYMENT

University of Chicago

Professor, Computational and Applied Mathematics Initiative, Department of Statistics
(assistant professor Jul 2010–Jun 2017; tenured associate professor Jul 2017–Jun 2020; professor from Jul 2020)

University of California, Berkeley

Charles B. Morrey Assistant Professor, Department of Mathematics
(Jul 2007–Jun 2010; mentors: Ming Gu and Bernd Sturmfels)

EDUCATION

Stanford University

Ph.D. in Computational and Mathematical Engineering
(Sep 2001–Jun 2007; principal advisors: Gene Golub and Gunnar Carlsson)

Cambridge University

Cornell University's 2000/01 Clare Hall Fellow
(Sep 2000–Aug 2001; matriculated Ph.D. student; transferred to Stanford in 2001)

Cornell University

M.S. in Mathematics
(Aug 1998–Aug 2000; Ph.D. candidate; won fellowship to Cambridge in 2000)

National University of Singapore

B.Sc. (Honors) in Mathematics
(Aug 1993–May 1996; direct honors program)

HONORS

Department of Defense

Vannevar Bush Faculty Fellowship, 2023

John Simon Guggenheim Memorial Foundation

Guggenheim Fellowship in Applied Mathematics, 2022

Society for Industrial and Applied Mathematics

Fellow, Class of 2022

James H. Wilkinson Prize in Numerical Analysis and Scientific Computing, 2017

American Mathematical Society

Fellow, Class of 2020

International Linear Algebra Society

Hans Schneider Prize, 2019

Foundations of Computational Mathematics

Stephen Smale Prize, 2017

Defense Advanced Research Projects Agency

Director's Fellowship, 2017–2018

Young Faculty Award, 2015–2017

Air Force Office of Scientific Research

Young Investigator Award, 2013–2016

National Science Foundation

Faculty Early Career Development Award, 2011–2016

SPECIAL LECTURES

Miami University

Buckingham Lectures, 2024

International Linear Algebra Society

Hans Schneider Prize Lecture, 2021

LAA Lecture, 2010

Massachusetts Institute of Technology

Distinguished Seminar in Computational Science and Engineering, Spr 2019

Duke University–North Carolina State University–University of North Carolina

Triangle Lectures in Combinatorics, Fall 2018

Foundations of Computational Mathematics

Smale Prize Lecture, 2017

Society for Industrial and Applied Mathematics

James H. Wilkinson Prize Lecture, 2017

Pacific Institute for the Mathematical Sciences

PIMS–CSC Distinguished Lecture, 2016

Rice University

Peaceman Lecture on Numerical Mathematics, 2014

EDITORIAL SERVICES

Forum of Mathematics, Pi

Editor, since 2019

Forum of Mathematics, Sigma

Editor (Computational Mathematics), since 2019

Linear Algebra and its Applications

Senior Editor, since 2024

Associate Editor, 2012–2023

Linear and Multilinear Algebra

Editor, since 2013

Mathematical Programming B

Guest Editor (with J. Nie), Special issue on *Tensor and Polynomial Optimization*, Dec 2018–May 2022

Numerical Algorithms

Associate Editor, since 2018

Numerical Linear Algebra and its Applications

Guest Editor (with M. K.-P. Ng, L. Qi), Special issue on *Spectral Theory of Tensors*, Mar 2011–Dec 2012