

Masaki Ogura
Curriculum Vitae
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Graduate School of Information Science
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AREAS OF EXPERTISE

Control theory, network science, optimization, stochastic processes, biological physics

EDUCATION

Aug 2014	Ph.D. in Mathematics, <i>Texas Tech University</i>
Mar 2009	M.Sc. in Informatics, <i>Kyoto University</i>
Mar 2007	B.Eng., <i>Kyoto University</i>

PROFESSIONAL APPOINTMENTS

Mar 2017 –	<i>Assistant Professor</i> Graduate School of Information Science Nara Institute of Science and Technology
Nov 2014 – Feb 2017	<i>Postdoctoral Researcher</i> Department of Electrical and Systems Engineering University of Pennsylvania

SHORT TERM VISITS

May 2017	Washington State University, USA
Dec 2015	Tokyo Institute of Technology, Japan
Nov 2013	ICTEAM Institute, Université catholique de Louvain, Belgium

SELECTED AWARDS AND HONORS

Apr 2014	Summer Dissertation/Thesis Research Award, Texas Tech University
Jul 2013	Cash Family Endowed Fellowship, Texas Tech University
Jun 2012	Best Paper Award, The Society of Instrument and Control Engineers
May 2012	Ronald M. Anderson Scholarship, Texas Tech University
May 2011	Gordon Fuller Mathematics Scholarship, Texas Tech University

PUBLICATIONS

Refereed Journal Articles

Book Chapters

Refereed Conference Proceedings

INVITED AND HOURLY TALKS

Jul 2018	“Network epidemiology and control theory,” University of Hong Kong, Hong Kong
Jul 2017	“How can we ‘control’ spreading processes over complex networks?,” Workshop on multitrack event-trains in neural, social, seismological, and financial data, Japan
May 2017	“Analysis and control of spreading processes over complex networks,” Washington State University, USA
Dec 2015	“Dynamical systems over time-varying networks,” Tokyo Institute of Technology, Japan
Dec 2015	“Dynamical systems over time-varying networks,” Kyoto University, Japan
Apr 2014	Stability analysis of switched linear systems, University of Pennsylvania
Nov 2013	Mean stability of switched linear systems, Université catholique de Louvain, Belgium

TEACHING ACTIVITIES

Nara Institute of Science and Technology

- Advanced Intelligent System Control (Spring 2017, 2018)

University of Pennsylvania

Co-lecturer:

- Convex Optimization in Systems and Control (Fall 2015)

Texas Tech University

Graduate Part-Time Instructor:

- Calculus II (Summer 2014, Spring 2014, Spring 2013)
- Calculus I (Summer 2013, Fall 2012)
- Trigonometry (Fall 2011)
- College Algebra (Fall 2013, Spring 2012)

Teaching Assistant:

- Advanced Calculus (Summer 2012)
- Linear Algebra (Summer 2012)
- Higher Mathematics for Engineers and Scientists I (Summer 2011)

Kyoto School of Computer Science

Lecturer:

- Control Engineering (Fall 2009, Fall 2008)
- Electrical Circuits (Spring 2008)
- Data Structures (Spring 2008)
- Numerical Analysis (Spring 2010, Spring 2009)

Kyoto University

Teaching Assistant:

- Modern Control Theory (Fall 2009, Fall 2008)

PROFESSIONAL SERVICE

Local Arrangements Vice Chair: SICE Annual Conference 2018

Associate Editor: The 5th IFAC Workshop on Distributed Estimation and Control in Networked Systems (2015)

Reviewer: IEEE Transactions on Automatic Control; IEEE Transactions on Control of Network Systems; IEEE Transactions on Network Science and Engineering, Annual Reviews in Control; Automatica; SIAM Journal on Control and Optimization; Systems and Control Letters; IEEE Transactions on Circuits and Systems; Foundations of Computational Mathematics; Nonlinear Analysis: Hybrid Systems; International Journal of Robust and Nonlinear Control; Asian Journal of Control; European Physical Journal B; Physics Letters A; Neurocomputing; Applied Mathematics and Computation; IEEE Conference on Decision and Control; American Control Conference; European Control Conference; SIAM Conference on Control and Its Applications; IEEE Multi-Conference on Systems and Control; IFAC Workshop on Distributed Estimation and Control in Networked Systems

Masaki Ogura, March 2019