

Masaki Ogura
Curriculum Vitae
Thursday 28th May, 2020

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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

Nov 2019 –	<i>Associate Professor</i> Department of Bioinformatic Engineering, Graduate School of Information Science and Technology, Osaka University, Japan
Apr 2018 – Oct 2019	<i>Assistant Professor</i> Graduate School of Science and Technology, Division of Information Science Nara Institute of Science and Technology, Japan
Mar 2017 – Mar 2018	<i>Assistant Professor</i> Graduate School of Information Science Nara Institute of Science and Technology, Japan
Nov 2014 – Feb 2017	<i>Postdoctoral Researcher</i> Department of Electrical and Systems Engineering University of Pennsylvania

SHORT TERM VISITS

2018, 2019	Department of Mechanical Engineering, University of Hong Kong
2013	ICTEAM Institute, Université catholique de Louvain, Belgium

SELECTED AWARDS AND HONORS

Feb 2019	Runner-up of the 2019 Best Paper Award, <i>IEEE Transactions on Network Science and Engineering</i>
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

PUBLICATIONS

Book Chapters

Refereed Journal Articles

Refereed Conference Proceedings

Invited and Hourly Talks

TEACHING ACTIVITIES

Nara Institute of Science and Technology

- Machine Learning and Intelligent Control (Spring 2019)
- 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

2020 Program Committee member: International Conference on Complex Networks and their Applications

Jan 2020 Associate Editor: Journal of The Franklin Institute

Local Arrangements Vice Chair: SICE Annual Conference 2018

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

Journal reviewer: Annual Reviews in Control; Automatica; Applied Mathematics and Computation; Asian Journal of Control; Computer Communications; European Journal of Control European Physical Journal B; Foundations of Computational Mathematics; IEEE Control Systems Letters; IEEE Intelligent Systems; IEEE Transactions on Automatic Control; IEEE Transactions on Circuits and Systems; IEEE Transactions on Control of Network Systems; IEEE Transactions on Fuzzy Systems; IEEE Transactions on Signal Processing; IEEE Transactions on Systems, Man and Cybernetics: Systems; IEEE Transactions on Network Science and Engineering; IEEE Transactions on Neural Networks and Learning Systems; IET Control Theory & Applications; International Journal of Robust and Nonlinear Control; Neurocomputing; Nonlinear Analysis: Hybrid Systems; Physica A; Physics Letters A; SIAM Journal on Control and Optimization; Stochastics and Dynamics; Systems and Control Letters; Research in Engineering Design

Masaki Ogura, May 2020