

Masaki Ogura  
Curriculum Vitae  
Friday 3<sup>rd</sup> July, 2020

1-5 Yamadaoka, Office B506  
Graduate School of Information Science and Technology  
Osaka University  
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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><br>Department of Bioinformatic Engineering, Graduate School of Information Science and Technology,<br>Osaka University, Japan    |
| Apr 2018 – Oct 2019 | <i>Assistant Professor</i><br>Graduate School of Science and Technology, Division of Information Science<br>Nara Institute of Science and Technology, Japan |
| Mar 2017 – Mar 2018 | <i>Assistant Professor</i><br>Graduate School of Information Science<br>Nara Institute of Science and Technology, Japan                                     |
| Nov 2014 – Feb 2017 | <i>Postdoctoral Researcher</i><br>Department of Electrical and Systems Engineering<br>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; Journal of Biological Dynamics; Journal of the Franklin Institute; Mathematics of Control, Signals, and Systems; Neurocomputing; Nonlinear Analysis: Hybrid Systems; Operations Research and Decisions; Physica A; Physics Letters A; SIAM Journal on Control and Optimization; SICE Journal of Control, Measurement, and System Integration; Stochastics and Dynamics; Systems and Control Letters; Research in Engineering Design;

Masaki Ogura, July 2020