



Braghadeesh Lakshminarayanan

Curriculum Vitae

Education

- 2024–present **Decision and Control, PhD**, KTH Royal Institute of Technology, Sweden
Supervised by *Prof. Cristian. R. Rojas*
- 2021–2024 **Decision and Control, Licentiate**, KTH Royal Institute of Technology, Sweden
Supervised by *Prof. Cristian. R. Rojas*
- 2018–2020 **Electrical and Communication Engineering, M. Tech**, Indian Institute of Science (IISc), India
Specialization in Communication and Networks. Supervised by *Prof. Aditya Gopalan*
GPA: 8.5/10 (*Distinction*)
- 2012–2016 **Electronics and Communication Engineering, B. Tech**, National Institute of Technology, Tiruchirappalli, India
GPA: 7.97/10

Experience

- 2022-2024 **Teaching Assistant in Machine Learning Theory, EL2810**, KTH, Sweden
Course responsible: *Prof. Cristian R. Rojas* and *Prof. Alexandre Proutiere*
- 2020-2021 **Project Assistant**, Indian Institute of Science, Bengaluru, India
Supervised by *Prof. Aditya Gopalan*
- 2016-2017 **VLSI Engineer**, Wipro Technologies, Bengaluru, India

Service

- 2023 **Reviewer**, IEEE CDC 2023, International Journal of Adaptive Control and Signal Processing
- 2024 **Reviewer**, ECC 2024, International Journal of Adaptive Control and Signal Processing

Achievements

- 2018-2020 **Recipient of MHRD scholarship**, Government of India
- 2023 **Recipient of travel scholarship**, Karl Engver's foundation

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Journal Publications

- Submitted **Automatica**, *An Inverse Learning Paradigm for Controller Tuning Rules*, B. Lakshminarayanan, F. Dettù, C. R. Rojas, and S. Formentin
- Submitted **Automatica**, *On Asymptotic Analysis of the Two-Stage Approach: Towards Data-Driven Parameter Estimation*, B. Lakshminarayanan, C. R. Rojas

Conference Publications

- June 2024 **ECC 2024**, *From Data to Control: A Two-Stage Simulation Based Approach*, F. Dettù, B. Lakshminarayanan, S. Formentin, C. R. Rojas
- December 2023 **IEEE CDC 2023**, *Minimax Two-Stage Gradient Boosting for Parameter Estimation*, B. Lakshminarayanan, C. R. Rojas
- July 2023 **IFAC WC 2023**, *A Unified Approach to Differentially Private Bayes Point Estimation*, B. Lakshminarayanan, C. R. Rojas
- December 2022 **IEEE CDC**, *A Statistical Decision-Theoretical Perspective on the Two-Stage Approach to Parameter Estimation*, B. Lakshminarayanan, C. R. Rojas
- September 2021 **NeurIPS**, *Bandit Quickest Change Point Detection*, A. Gopalan, B. Lakshminarayanan and V. Saligrama

Languages

Tamil	Native	Mother Tongue
English	Expert	Fluent, daily usage

Computer skills

Programming	C++, LaTeX
Math tools	Python, Matlab

Interests

- Research Machine learning, Parameter estimation, Sequential decision making under uncertainty.
- Personal Jogging, Classical music (vocal).

Reference

Prof. Cristian R. Rojas
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