

# STEFAN VLASKI

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## PERSONAL INFORMATION

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Orcid 0000-0002-0616-3076  
Publications h-index 15, i10-index 21, 50+ publications and 2 patents, available on Google Scholar [[link](#)].

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## EMPLOYMENT HISTORY

Since 09/2021 **Imperial College London, Department of Electrical and Electronic Engineering**,  
Lecturer, London, United Kingdom.  
10/2019–08/2021 **École Polytechnique Fédérale de Lausanne (EPFL) Adaptive Systems Laboratory**,  
Postdoctoral researcher, Lausanne, Switzerland.  
06/2017–09/2017 **Amazon Lab126**, Software Development Engineering Intern, Sunnyvale, CA, USA  
Environment learning  
06/2016–09/2016 **Apple Inc.**, Engineering Intern, Cupertino, CA, USA  
Machine learning for audio applications

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## EDUCATION

07/2014–09/2019 **University of California, Los Angeles, CA, USA**  
Doctor of Philosophy, Electrical and Computer Engineering, GPA: 3.93  
• **Date of Defense:** June 17th, 2019, **Advisor:** Prof. Ali H. Sayed  
• **Thesis:** Distributed Stochastic Optimization in Non-Differentiable and Non-Convex Environments, available at <https://escholarship.org/uc/item/7pb746mg>.  
09/2013–06/2014 **University of California, Los Angeles, CA, USA**  
Master of Science, Electrical Engineering, Signals and Systems Track, GPA: 3.92  
10/2010–07/2013 **Technical University Darmstadt, Germany**  
Bachelor of Science, Electrical Engineering, GPA: 1.33 on a scale from 1.0 (best) to 5.0  
• **Advisor:** Prof. Abdelhak M. Zoubir  
• **Bachelor thesis:** Robust Bootstrap Methods for Signal Processing

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## SUPERVISION

Since 09/2021 Supervision of 7 undergraduate and 6 postgraduate student projects at Imperial College London.  
06/2019–08/2021 Supervision of 5 student projects and co-supervision of 6 PhD students at EPFL.

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## TEACHING ACTIVITIES

Since 09/2021 **Department of Electrical and Electronic Engineering, Imperial College London, UK.**  
Module leader for “Probability and Statistics” with T. Pike (Autumn 2023), module leader for “Distributed Optimisation and Learning” (Spring 2023), lecturer for “Probability and Statistics” with T. Pike and D. Nucinkis (Autumn 2022), guest lectures in “Large Dimensional Data Processing” with W. Dai (Autumn 2021, 2022 and 2023), seminar series on “Online Learning and Reinforcement Learning” with K. Leung (Spring 2022), tutorials for undergraduate students in Electrical Engineering (Autumn 2021 through Autumn 2023).

02/2018–06/2019	<b>Institute Electrical Engineering, EPFL</b> , Lausanne, Switzerland Teaching Assistant for “Adaptation and Learning” (postgraduate).
10/2014–03/2017	<b>Department of Electrical Engineering, UCLA</b> , Los Angeles, CA, USA Teaching Associate/Teaching Assistant for “Adaptation and Learning” (postgraduate), “Digital Signal Processing” (undergraduate) and “Systems and Signals” (undergraduate).
10/2011–07/2013	<b>Department of Electrical Engineering, TU Darmstadt</b> , Germany Teaching Assistant for “Logic Design”, “Electrical Engineering I”, “Deterministic Signals and Systems”, “Project Week for 1st Semester Students” and “Stochastic Systems and Signals”.

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#### SELECTED SEMINARS, TUTORIALS AND KEYNOTES

08/2022	Keynote on “Provable and Efficient Learning over Networks”, STATOS 2022 Workshop, Belgrade, Serbia.
06/2022	Keynote on “Decentralised Learning in Non-Convex Environments”, 6GIC-CLICK Selected Advanced Topics Workshop series, featuring Wireless AI, Institute for Communication Systems (ICS), University of Surrey, UK.
05/2022	Tutorial on “Federated and Decentralized Multitask Learning”, with R. Nassif and A. H. Sayed, ICASSP 2022, Singapore.
12/2020	Invited seminar on “Learning over Graphs — Beyond Consensus and Convexity”, IEEE Finland SP/CAS Chapter, Helsinki, Finland (held online).

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#### AWARDS

12/2019	2nd prize at the best student paper competition of the IEEE International Workshop on Computational Advances in Multi-Sensor Adaptive Processing (CAMSAP), Le Gosier, Guadeloupe.
03/2016	1st prize in the track Signal Processing Theory and Methods at the best student paper competition of the IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP), Shanghai, China.
09/2013–06/2014	Fully funded tuition and stipend through the UCLA Graduate Division Fellowship.
10/2011–07/2013	Monthly stipend through the German national scholarship (sponsored by Deutsche Telekom AG), awarded to 91 out of 25,000 students at TU Darmstadt.

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#### SERVICE

09/2024	Finance Chair for the IEEE MLSP Workshop 2024 (London, UK).
06/2023	Early Career Researcher Chair for the Digital Signal Processing Conference 2023 (Rhodes, Greece).
06/2023	General Co-Chair for the Imperial Workshop on Intelligent Communications 2023 (London, UK).
Since 03/2023	Member of IEEE SPS Young Professionals Committee, Chair of the subcommittee on New Events and Opportunities.
Since 05/2020	Regular session chair at international conferences such as IEEE ICASSP and EUSIPCO.
05/2020	Co-organiser and chair of a special session on “Learning and Optimization in Non-Convex Environments” at IEEE ICASSP 2020, Barcelona Spain.
Since 08/2014	Regular reviewer for various IEEE journals and conference proceedings.