

Trang H. Tran

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(Updated August 17, 2021)

FIELDS OF INTEREST

Applied Mathematics, Optimization, Machine Learning

EDUCATION

2020 – Present [School of Operations Research and Information Engineering, Cornell University](#)

Doctor of Philosophy, Major: Operations Research

PhD advisor: Prof. Katya Scheinberg

PhD co-advisor: Dr. Lam M. Nguyen

2019 – 2020 [Institute of Mathematics, Vietnam Academy of Science and Technology](#)

Graduate Study in Applied Mathematics (Dropped)

2015 – 2019 [Hanoi National University of Education](#)

Honor Class, Faculty of Mathematics

Degree of Bachelor, Classification: Excellent

PUBLICATION

2021 [SMG: A Shuffling Gradient-Based Method with Momentum](#)

Trang H. Tran, Lam M. Nguyen, and Quoc Tran-Dinh

International Conference on Machine Learning (ICML 2021) (21.47% acceptance rate)

PROFESSIONAL ACTIVITIES

2020 – Present [Program Committee – Reviewer \(peer-reviewed conferences\)](#)

International Conference on Machine Learning (ICML 2021, 2020)

Conference on Neural Information Processing Systems (NeurIPS 2021)

International Conference on Learning Representations (ICLR 2022, 2021)

Conference on Artificial Intelligence (AAAI 2022)

International Conference on Artificial Intelligence and Statistics (AISTATS 2022, 2021)

2021 [Session Chair / Organizer](#)

INFORMS Annual Meeting 2021

"Recent Advances in Stochastic Gradient Algorithms"

HONORS & AWARDS

2021 [Reviewer Award](#)

International Conference on Learning Representations (ICLR 2021)

Outstanding Reviewer

2020 [ORIE Field Fellowship](#)

PhD Fellowship, Fall 2020

2019 [Young Talent Scholarship Programme 2019](#)

From the Vingroup Innovation Foundation (VINIF) for outstanding students who are pursuing the domestic postgraduate study programmes

2016 – 2018 [Students Scholarship in National Program](#)

for the Development of Mathematics until 2020

2016 [First Prize on Algebra](#)

In Vietnam Mathematics Competition for University Students (nationwide award)

TALKS

10 – 2021 [Shuffling Gradient-Based Methods](#)

INFORMS Annual Meeting 2021, Anaheim, CA (upcoming)

07 – 2021 [SMG: A Shuffling Gradient-Based Method with Momentum](#)

International Conference on Machine Learning (ICML 2021)

OTHER EXPERIENCES

[Teaching Assistant](#)

Spring 2021 ORIE 3510 Introduction to Engineering Stochastic Processes,
Cornell University

SKILLS

[Technical](#) Python, PyTorch, MATLAB, Scilab

[Language](#) Vietnamese (native), English (proficient)

REFERENCES

Lam M. Nguyen, Ph.D.

[Research Scientist,](#)

[IBM Research, Thomas J. Watson Research Center](#)

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<https://researcher.watson.ibm.com/researcher/view.php?person=ibm-lamnguyen.mltd>

Katya Scheinberg, Ph.D.

[Professor,](#)

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