Trang H. Tran

✉ htt27@cornell.edu · ✉ htt.trangtran@gmail.com
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FIELDS OF INTEREST

Stochastic Optimization for 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
	Research Assistant
Fall 2021	Cornell University
	Working under the supervision of Prof. Katya Scheinberg

SKILLS

Technical	Python, PyTorch, MATLAB, Scilab
Language	Vietnamese (native), English (proficient)

REFERENCES

Lam M. Nguyen, Ph.D.

Research Staff Member,
IBM Research, Thomas J. Watson Research Center
1101 Kitchawan Rd, Yorktown Heights, NY 10598, USA
✉ lamnguyen.mltd@ibm.com   ☎ +1 (469) 834-7021
https://researcher.watson.ibm.com/researcher/view.php?person=ibm-lamnguyen.
mltd

Katya Scheinberg, Ph.D.

Professor,
School of Operations Research and Information Engineering, Cornell University
225 Frank H.T. Rhodes Hall, Ithaca, NY 14850, USA
✉ katyas@cornell.edu   ☎ +1 (607) 255-1525
https://www.orie.cornell.edu/faculty-directory/katya-scheinberg

Quoc Tran-Dinh, Ph.D.

Professor,
Department of Statistics and Operations Research, The University of North Carolina
at Chapel Hill
Chapel Hill, NC 27599
✉ quoctd@email.unc.edu   ☎ +1-919-843-6023
https://quoctd.web.unc.edu/