Kazuki Osawa

CONTACT INFORMATION

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EDUCATION

March 2021	Tokyo Institute of Technology (Japan), Ph.D. (expected) in Computer Science
March 2018	Tokyo Institute of Technology (Japan), M.S. in Computer Science
March 2016	Tokyo Institute of Technology (Japan), B.S. in Computer Science

PREPRINTS

1. **Kazuki Osawa**, Yohei Tsuji, Yuichiro Ueno, Akira Naruse, Rio Yokota, and Satoshi Matsuoka. "Large-Scale Distributed Second-Order Optimization Using Kronecker-Factored Approximate Curvature for Deep Convolutional Neural Networks", *arXiv preprint arXiv:1811.12019, 2019.* *Accepted at IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR)*, 2019.

PUBLICATIONS (REFEREED)

2. **Kazuki Osawa** and Rio Yokota. "Evaluating the Compression Efficiency of the Filters in Convolutional Neural Networks", *Artificial Neural Networks and Machine Learning – ICANN 2017*, pp 459-466, Springer 2017.

3. **Kazuki Osawa**, Akira Sekiya, Hiroki Naganuma, Rio Yokota. "Accelerating Matrix Multiplication in Deep Learning by Using Low-Rank Approximation", *2017 International Conference on High Performance Computing & Simulation (HPCS)*, pp 186-192, IEEE 2017.

FELLOWSHIPS, SCHOLARSHIPS & GRANT-IN-AIDS

Research Fellow of Japan Society for the Promotion of Science (DC2)	(2019-2021, 4,800,000 yen)
A*STAR Research Attachment Programme, Singapore	(2018-2019, 17,500 SGD)
The Nakajima Foundation, Ph.D. Scholarship (declined)	(2018-2023, tuition and living expenses)
Japan Student Services Organization, Master's Scholarship	(2016-2018, 2,112,000 yen)
International Information Science Foundation, Overseas Dispatch of Researchers	(2017, 180,000 yen)
SC17, Student Volunteers	(2017, $1,500 USD)

MEMBERSHIPS

Institute of Electrical and Electronics Engineers (IEEE)
Association for Computing Machinery (ACM)
Society for Industrial and Applied Mathematics (SIAM)
Information Processing Society of Japan (IPSJ)
The Japan Society for Computational Engineering and Science (JSCES)