This Final Contribution Agreement ("Agreement") regarding the submission and publication of written material ("Articles") is made and entered into as of Sep 23, 2020 ("Effective Date") by and between Lingjing Kong and the International Conference on Machine Learning (ICML), located at 10010 North Torrey Pines Road, La Jolla, CA 92037.

EventTitle: Extrapolation for Large-batch Training in Deep Learning

Date: Jul 16, 2020

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Name (Print): Lingjing Kong

By Checking this box and typing my name in the box below, I am agreeing to electronically sign this contract:

• Accept • Decline

Signature: Lingjing Kong

Date: Sep 23, 2020

Name (Print): David Blei

Signature:

International Conference on Machine Learning

Date: Sep 23, 2020

This Final Contribution Agreement ("Agreement") regarding the submission and publication of written material ("Articles") is made and entered into as of Sep 23, 2020 ("Effective Date") by and between Sebastian Stich and the International Conference on Machine Learning (ICML), located at 10010 North Torrey Pines Road , La Jolla, CA 92037.

EventTitles: Extrapolation for Large-batch Training in Deep Learning, Is Local SGD Better than Minibatch SGD?, SCAFFOLD: Stochastic Controlled Averaging for Federated Learning, A Unified Theory of Decentralized SGD with Changing Topology and Local Updates

Date: Jul 16, Jul 14, Jul 14, Jul 15, 2020

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Name (Print): Sebastian Stich

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• Accept • Decline
Signature: S.Stich

Date: Sep 23, 2020

Name (Print): <u>David Blei</u>

International Conference on Machine Learning

Date: Sep 23, 2020

Signature:

This Final Contribution Agreement ("Agreement") regarding the submission and publication of written material ("Articles") is made and entered into as of Sep 23, 2020 ("Effective Date") by and between Tao LIN and the International Conference on Machine Learning (ICML), located at 10010 North Torrey Pines Road , La Jolla, CA 92037.

EventTitle: Extrapolation for Large-batch Training in Deep Learning

Date: Jul 16, 2020

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Speaker:
Name (Print): <u>Tao LIN</u>
By Checking this box and typing my name in the box below, I am agreeing to electronically sign this contract:
• Accept • C Decline
Signature: Tao Lin
Date: Sep 23, 2020

Name (Print): <u>David Blei</u>

Signature:

International Conference on Machine Learning

Date: Sep 23, 2020

This Final Contribution Agreement ("Agreement") regarding the submission and publication of written material ("Articles") is made and entered into as of Sep 23, 2020 ("Effective Date") by and between Martin Jaggi and the International Conference on Machine Learning (ICML), located at 10010 North Torrey Pines Road, La Jolla, CA 92037.

EventTitles: <u>A Unified Theory of Decentralized SGD with Changing Topology and Local Updates</u>, <u>Optimizer Benchmarking Needs to Account for Hyperparameter Tuning</u>, <u>Extrapolation for Large-batch Training in Deep Learning</u>

Date: Jul 15, Jul 16, Jul 16, 2020

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Speaker:
Name (Print): Martin Jaggi
By Checking this box and typing my name in the box below, I am agreeing to electronically sign this contract:
• Accept • Decline Signature: Martin Jaggi
Date: Sep 23, 2020

Name (Print): David Blei

Signature:

International Conference on Machine Learning

Date: Sep 23, 2020