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 Nicolas Loizou and the International Conference on Machine Learning (ICML), located at 10010 North Torrey Pines Road, La Jolla, CA 92037.

EventTitles: <u>Stochastic Hamiltonian Gradient Methods for Smooth Games, A Unified Theory of Decentralized SGD with Changing Topology and Local Updates</u>

Date: Jul 16, Jul 15, 2020

I, Nicolas Loizou, agree that:

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- 2. I will not authorize the publication of the Articles by any organization other than ICML until at least 60 days after first publication of the Articles by ICML.
- 3. I authorize the use of my name and likeness including, but not limited to my biography and photograph, for the purposes of announcement, promotion and identification in any ICML publications related to the Articles, conferences or this Agreement.
- 4. I guarantee that the Articles are original and do not infringe on the copyright or any other right of any person or entity. Furthermore, I promise to indemnify, defend and hold harmless ICML against any and all third party claims arising from this Agreement or related Articles. Additionally, I release ICML, its successors, assignees and licensees from all claims of infringement of my right of publicity, defamation, false light and any other personal and/or property rights in the Articles.
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Name (Print): Nicolas Loizou

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

Signature: Nicolas Loizou

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 Anastasia Koloskova and the International Conference on Machine Learning (ICML), located at 10010 North Torrey Pines Road, La Jolla, CA 92037.

EventTitle: A Unified Theory of Decentralized SGD with Changing Topology and Local Updates

Date: Jul 15, 2020

I, Anastasia Koloskova, agree that:

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Name (Print): Anastasia Koloskova

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

• Accept • Decline
Signature: Koloskova

Date: Sep 23, 2020

Name (Print): David Blei

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 Sadra Boreiri and the International Conference on Machine Learning (ICML), located at 10010 North Torrey Pines Road, La Jolla, CA 92037.

EventTitle: A Unified Theory of Decentralized SGD with Changing Topology and Local Updates

Date: Jul 15, 2020

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Speaker:

Name (Print): Sadra Boreiri

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

• Accept • Decline

Signature: Sadra Boreiri

Date: Sep 23, 2020

Name (Print): David Blei

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 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

I, Sebastian Stich, agree that:

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•
•

Name (Print): Sebastian Stich

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

• 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:

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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 • C Decline
Signature: Martin Jaggi
Date: Sep 23, 2020

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

Signature:

International Conference on Machine Learning

Date: Sep 23, 2020