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

EventTitle: <u>History-Gradient Aided Batch Size Adaptation for Variance Reduced Algorithms</u>

Date: Jul 16, 2020

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

Name (Print): David Blei

•

International Conference on Machine Learning

Date: Sep 23, 2020

Signature:

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EventTitles: <u>Understanding the Impact of Model Incoherence on Convergence of Incremental SGD with Random Reshuffle</u>, <u>History-Gradient Aided Batch Size Adaptation for Variance Reduced Algorithms</u>

Date: Jul 16, Jul 16, 2020

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Speaker:
Name (Print): Yi Zhou
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Signature: Yi Zhou
Date: Sep 23, 2020

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

Signature://

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EventTitle: <u>History-Gradient Aided Batch Size Adaptation for Variance Reduced Algorithms</u>

Date: Jul 16, 2020

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

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

Signature:

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EventTitle: <u>History-Gradient Aided Batch Size Adaptation for Variance Reduced Algorithms</u>

Date: Jul 16, 2020

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Name (Print): Yingbin LIANG

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

• Accept • Decline

Signature: Yingbin Liang

Date: Sep 23, 2020

Name (Print): David Blei

Signature:/

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

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

Name (Print): David Blei

Signature:

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