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

EventTitle: <u>Fractional Underdamped Langevin Dynamics</u>: <u>Retargeting SGD with Momentum under Heavy-Tailed Gradient Noise</u>

Date: Jul 14, 2020

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Speaker:

Name (Print): Mert Gurbuzbalaban

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

Signature: Mert Gurbuzbalaban

Date: Sep 23, 2020

Name (Print): David Blei

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

EventTitle: Fractional Underdamped Langevin Dynamics: Retargeting SGD with Momentum under Heavy-Tailed Gradient Noise

Date: Jul 14, 2020

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Speaker:

Name (Print): Lingjiong Zhu

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

Accept Decline

Signature: Lingjiong Zhu

Date: Sep 23, 2020

Name (Print): David Blei

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

EventTitles: <u>Fractional Underdamped Langevin Dynamics: Retargeting SGD with Momentum under Heavy-Tailed Gradient Noise</u>, <u>Divide</u>, <u>Conquer</u>, <u>and Combine: a New Inference Strategy for Probabilistic Programs with Stochastic Support</u>, <u>Uncertainty Estimation Using a Single Deep Deterministic Neural Network</u>, <u>Meta-Learning with Iterative Functional Updates</u>

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

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Name (Print): Yee Whye Teh

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

• Accept • Decline

Signature: Yee Whye Teh

Date: Sep 23, 2020

Name (Print): David Blei

International Conference on Machine Learning

Date: Sep 23, 2020

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EventTitle: <u>Fractional Underdamped Langevin Dynamics</u>: <u>Retargeting SGD with Momentum under Heavy-Tailed Gradient Noise</u>

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Speaker:		
Name (Print): <u>Umut Simsekli</u>		
By Checking this box and typing my name in the box below, I am agreeing to electronically sign this contract:		
• Accept • Decline		
Signature: Umut Simsekli		

Date: Sep 23, 2020

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

International Conference on Machine Learning

Date: Sep 23, 2020