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

EventTitle: Optimization and Analysis of the pAp@k Metric for Recommender Systems

Date: Jul 14, 2020

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Name (Print): Warut Vijitbenjaronk

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

• Accept • Decline

Signature: Warut Vijitbenjaronk

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

EventTitles: Optimization and Analysis of the pAp@k Metric for Recommender Systems, Soft Threshold Weight Reparameterization for Learnable Sparsity, DROCC: Deep Robust One-Class Classification

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

#### I, <u>Prateek Jain</u>, agree that:

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Speaker:				
Name (Print): <u>Prateek Jain</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: Prateek Jain				

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

Date: Sep 23, 2020

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

EventTitles: Zeno++: Robust Fully Asynchronous SGD, On the consistency of top-k surrogate losses, Optimization and Analysis of the pAp@k Metric for Recommender Systems

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

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Name (Print): Sanmi Koyejo

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

• Accept • Decline

Signature: Oluwasanmi Koyejo

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

EventTitle: Optimization and Analysis of the pAp@k Metric for Recommender Systems

Date: Jul 14, 2020

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Name (Print): Gaurush Hiranandani

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

• Accept • Decline

Signature: Gaurush Hiranandani

Date: Sep 23, 2020

Name (Print): David Blei

International Conference on Machine Learning

Date: Sep 23, 2020

Signature: