## **ICML 2020 Publishing Release**

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

EventTitles: Continuous-time Lower Bounds for Gradient-based Algorithms, On Gradient Descent Ascent for Nonconvex-Concave Minimax Problems, What is Local Optimality in Nonconvex-Nonconcave Minimax Optimization?, Finite-Time Last-Iterate Convergence for Multi-Agent Learning in Games, Stochastic Gradient and Langevin Processes, On Thompson Sampling with Langevin Algorithms, Accelerated Message Passing for Entropy-Regularized MAP Inference, Learning to Score Behaviors for Guided Policy Optimization

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

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Name (Print): Michael Jordan

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

Signature: Michael Jordan

Date: Sep 23, 2020

Name (Print): David Blei

Signature:

International Conference on Machine Learning

Date: Sep 23, 2020

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EventTitles: <u>Learning Adversarial Markov Decision Processes with Bandit Feedback and Unknown Transition</u>, What is Local Optimality in Nonconvex-Nonconcave Minimax Optimization?, Reward-Free Exploration for Reinforcement Learning, On Gradient Descent Ascent for Nonconvex-Concave Minimax Problems, Provable Self-Play Algorithms for Competitive Reinforcement Learning, Provably Efficient Exploration in Policy Optimization

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

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

Name (Print): David Blei

Signature:

International Conference on Machine Learning

Date: Sep 23, 2020

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EventTitles: On Gradient Descent Ascent for Nonconvex-Concave Minimax Problems, Finite-Time Last-Iterate Convergence for Multi-Agent Learning in Games

Date: Jul 16, Jul 15, 2020

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Speaker:
Name (Print): <u>Darren Lin</u>
By Checking this box and typing my name in the box below, I am agreeing to electronically sign this contract:

• Accept • Decline
Signature: Tianyi Lin

Date: Sep 23, 2020

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

International Conference on Machine Learning

Date: Sep 23, 2020

Signature: