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

EventTitle: <u>Learning Adversarial Markov Decision Processes with Bandit Feedback and Unknown</u> Transition

Date: Jul 14, 2020

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Speaker:
Name (Print): <u>Tiancheng Jin</u>
By Checking this box and typing my name in the box below, I am agreeing to electronically sign this contract:
• Accept • Decline Signature: Tiancheng Jin
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 Haipeng Luo and the International Conference on Machine Learning (ICML), located at 10010 North Torrey Pines Road, La Jolla, CA 92037.

EventTitle: <u>Learning Adversarial Markov Decision Processes with Bandit Feedback and Unknown</u> Transition

Date: Jul 14, 2020

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Name (Print): Haipeng Luo

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

Signature: Haipeng Luo

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

EventTitles: Strength from Weakness: Fast Learning Using Weak Supervision, Learning Adversarial Markov Decision Processes with Bandit Feedback and Unknown Transition, Complexity of Finding Stationary Points of Nonconvex Nonsmooth Functions

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

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Speaker:
Name (Print): <u>Suvrit Sra</u>
By Checking this box and typing my name in the box below, I am agreeing to electronically sign this contract:
• Accept • Decline Signature: Suvrit Sra
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 Chi Jin and the International Conference on Machine Learning (ICML), located at 10010 North Torrey Pines Road , La Jolla, CA 92037.

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:
Signature: Chi Jin
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 Tiancheng Yu and the International Conference on Machine Learning (ICML), located at 10010 North Torrey Pines Road, La Jolla, CA 92037.

EventTitles: Reward-Free Exploration for Reinforcement Learning, Learning Adversarial Markov Decision Processes with Bandit Feedback and Unknown Transition

Date: Jul 16, Jul 14, 2020

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Speaker:
Name (Print): <u>Tiancheng Yu</u>
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Signature: Tiancheng Yu
Date: Sep 23, 2020

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

-

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Date: Sep 23, 2020

Signature: