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

EventTitles: <u>Causal Modeling for Fairness In Dynamical Systems, Optimizing Long-term Social Welfare in Recommender Systems: A Constrained Matching Approach, Learning the Stein Discrepancy for Training and Evaluating Energy-Based Models without Sampling</u>

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

I, Richard Zemel, agree that:

- 1 . In exchange for free use of any publicly available copy of Articles I have submitted to ICML, I hereby grant to ICML a non-exclusive, perpetual, royalty-free, fully-paid, fully-assignable license to copy, distribute and publicly display all or part of the Articles, including excerpts and any derivatives thereof, for any purpose relating to the promotion of conferences or events hosted by ICML and the publication, promotion, sale, or distribution of the Articles, in all jurisdictions, throughout all media and technologies that exist currently or may exist in the future.
- 2. I will not authorize the publication of the Articles by any organization other than ICML until at least 60 days after first publication of the Articles by ICML.
- 3. I authorize the use of my name and likeness including, but not limited to my biography and photograph, for the purposes of announcement, promotion and identification in any ICML publications related to the Articles, conferences or this Agreement.
- 4. I guarantee that the Articles are original and do not infringe on the copyright or any other right of any person or entity. Furthermore, I promise to indemnify, defend and hold harmless ICML against any and all third party claims arising from this Agreement or related Articles. Additionally, I release ICML, its successors, assignees and licensees from all claims of infringement of my right of publicity, defamation, false light and any other personal and/or property rights in the Articles.
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- 6. If ICML decides not to publish my Articles for any reason, they will give me notice by email and all rights granted under this Agreement shall immediately revert back to me.

- 7. This Agreement is governed by the laws of the State of California, without regard to any conflict of laws rules or principles. Each of the parties irrevocably consents to the exclusive personal jurisdiction of the federal and state courts located in the County of San Diego, California, as applicable, for any matter arising out of or relating to this Agreement.
- 8. This document contains the entire and complete agreement concerning the use of the Articles by ICML. ICML's failure to enforce any right or provision of this Agreement will not be considered a waiver of those rights. If any provision of this Agreement is held to be invalid or unenforceable by a court, the remaining provisions of this Agreement will remain in effect.

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Name (Print): Richard Zemel

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

• Accept • Decline

Signature: Richard Zemel

Date: Sep 23, 2020

Name (Print): David Blei

Signature:

International Conference on Machine Learning

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

EventTitles: <u>An Imitation Learning Approach for Cache Replacement, Optimizing Long-term Social Welfare in Recommender Systems: A Constrained Matching Approach</u>

Date: Jul 16, Jul 14, 2020

I, Kevin Swersky, agree that:

- 1 . In exchange for free use of any publicly available copy of Articles I have submitted to ICML, I hereby grant to ICML a non-exclusive, perpetual, royalty-free, fully-paid, fully-assignable license to copy, distribute and publicly display all or part of the Articles, including excerpts and any derivatives thereof, for any purpose relating to the promotion of conferences or events hosted by ICML and the publication, promotion, sale, or distribution of the Articles, in all jurisdictions, throughout all media and technologies that exist currently or may exist in the future.
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3	Deaker	

Name (Print): Kevin Swersky

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

Signature: Kevin Swersky

Date: Sep 23, 2020

Name (Print): David Blei

Signature:/

International Conference on Machine Learning

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 Omer Ben-Porat and the International Conference on Machine Learning (ICML), located at 10010 North Torrey Pines Road, La Jolla, CA 92037.

EventTitles: <u>Fiduciary Bandits, Optimizing Long-term Social Welfare in Recommender Systems: A</u> Constrained Matching Approach

Date: Jul 14, Jul 14, 2020

I, Omer Ben-Porat, agree that:

- 1 . In exchange for free use of any publicly available copy of Articles I have submitted to ICML, I hereby grant to ICML a non-exclusive, perpetual, royalty-free, fully-paid, fully-assignable license to copy, distribute and publicly display all or part of the Articles, including excerpts and any derivatives thereof, for any purpose relating to the promotion of conferences or events hosted by ICML and the publication, promotion, sale, or distribution of the Articles, in all jurisdictions, throughout all media and technologies that exist currently or may exist in the future.
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Name (Print): Omer Ben-Porat

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

Signature: Omer Ben-Porat

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

EventTitles: <u>ConQUR</u>: <u>Mitigating Delusional Bias in Deep Q-Learning</u>, <u>Optimizing Long-term Social Welfare in Recommender Systems: A Constrained Matching Approach</u>

Date: Jul 16, Jul 14, 2020

I, Craig Boutilier, agree that:

- 1 . In exchange for free use of any publicly available copy of Articles I have submitted to ICML, I hereby grant to ICML a non-exclusive, perpetual, royalty-free, fully-paid, fully-assignable license to copy, distribute and publicly display all or part of the Articles, including excerpts and any derivatives thereof, for any purpose relating to the promotion of conferences or events hosted by ICML and the publication, promotion, sale, or distribution of the Articles, in all jurisdictions, throughout all media and technologies that exist currently or may exist in the future.
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Speaker:				
Name (Print): <u>Craig Boutilier</u>				
By Checking this box and typing my name in the box below, I am agreeing to electronically sign this contract:				
• Accept • Decline				

Signature: Craig Boutilier

Date: Sep 23, 2020

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

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

EventTitles: <u>Causal Modeling for Fairness In Dynamical Systems</u>, <u>Optimizing Long-term Social Welfare in Recommender Systems</u>: A Constrained Matching Approach

Date: Jul 15, Jul 14, 2020

I, Elliot Creager, agree that:

- 1 . In exchange for free use of any publicly available copy of Articles I have submitted to ICML, I hereby grant to ICML a non-exclusive, perpetual, royalty-free, fully-paid, fully-assignable license to copy, distribute and publicly display all or part of the Articles, including excerpts and any derivatives thereof, for any purpose relating to the promotion of conferences or events hosted by ICML and the publication, promotion, sale, or distribution of the Articles, in all jurisdictions, throughout all media and technologies that exist currently or may exist in the future.
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Name (Print): Elliot Creager

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

Signature: Elliot Creager

Date: Sep 23, 2020

Name (Print): David Blei

Signature:

International Conference on Machine Learning

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

EventTitle: Optimizing Long-term Social Welfare in Recommender Systems: A Constrained Matching Approach

Date: Jul 14, 2020

I, Martin Mladenov, agree that:

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Name (Print): Martin Mladenov

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

• Accept • Decline

Signature: Martin Mladenov

Date: Sep 23, 2020

Name (Print): David Blei

Signature:

International Conference on Machine Learning