

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

EventTitles: Extrapolation for Large-batch Training in Deep Learning. Is Local SGD Better than Minibatch SGD?, SCAFFOLD: Stochastic Controlled Averaging for Federated Learning. A Unified Theory of Decentralized SGD with Changing Topology and Local Updates

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

I, Sebastian Stich, 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.
5. I understand I will not receive compensation for ICML use and publication of the Articles and that ICML is not obligated to use my name, likeness or Articles. If ICML does elect to use my name, likeness, or Articles, in whole or part; ICML may edit, check for accuracy, revise, augment, re-title, and adapt all Articles and authorize others to make such changes in the Articles as ICML may deem appropriate.
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.

Continued on the next page...

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.

---

**Speaker:**

Name (Print): Sebastian Stich

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

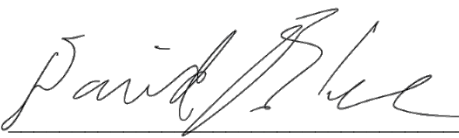
☒ Accept ☐ Decline

Signature:

Date: Sep 23, 2020

---

Name (Print): David Blei

Signature: 

International Conference on Machine Learning

Date: Sep 23, 2020

## 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 Kumar Kshitij Patel and the International Conference on Machine Learning (ICML), located at 10010 North Torrey Pines Road , La Jolla, CA 92037.

EventTitle: Is Local SGD Better than Minibatch SGD?

Date: Jul 14, 2020

I, Kumar Kshitij Patel, 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): Kumar Kshitij Patel

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

☒ Accept ☐ Decline

Signature:

Date: Sep 23, 2020

---

Name (Print): David Blei

Signature: 

International Conference on Machine Learning

Date: Sep 23, 2020

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

EventTitle: Is Local SGD Better than Minibatch SGD?

Date: Jul 14, 2020

I, Zhen Dai, 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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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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---

**Speaker:**

Name (Print): Zhen Dai

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

☒ Accept ☐ Decline

Signature:

Date: Sep 23, 2020

---

Name (Print): David Blei

Signature: 

International Conference on Machine Learning

Date: Sep 23, 2020

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

EventTitle: Is Local SGD Better than Minibatch SGD?

Date: Jul 14, 2020

I, Brian Bullins, 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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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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---

**Speaker:**

Name (Print): Brian Bullins

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

☒ Accept ☐ Decline

Signature:

Date: Sep 23, 2020

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Name (Print): David Blei

Signature: 

International Conference on Machine Learning

Date: Sep 23, 2020



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

EventTitle: Is Local SGD Better than Minibatch SGD?

Date: Jul 14, 2020

I, Blake Woodworth, 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.
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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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**Speaker:**

Name (Print): Blake Woodworth

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

☒ Accept ☐ Decline

Signature:

Date: Sep 23, 2020

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Name (Print): David Blei

Signature: 

International Conference on Machine Learning

Date: Sep 23, 2020

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

EventTitles: Is Local SGD Better than Minibatch SGD?

Date: Jul 14, 2020

I, Brendan McMahan, 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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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.
5. I understand I will not receive compensation for ICML use and publication of the Articles and that ICML is not obligated to use my name, likeness or Articles. If ICML does elect to use my name, likeness, or Articles, in whole or part; ICML may edit, check for accuracy, revise, augment, re-title, and adapt all Articles and authorize others to make such changes in the Articles as ICML may deem appropriate.
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**Speaker:**

Name (Print): Brendan McMahan

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

☒ Accept ☐ Decline

Signature:

Date: Sep 23, 2020

---

Name (Print): David Blei

Signature: 

International Conference on Machine Learning

Date: Sep 23, 2020

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

EventTitles: Fair Learning with Private Demographic Data, Efficiently Learning Adversarially Robust Halfspaces with Noise, Is Local SGD Better than Minibatch SGD?

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

I, Nati Srebro, 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): Nati Srebro

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

☒ Accept ☐ Decline

Signature:

Date: Sep 23, 2020

---

Name (Print): David Blei

Signature: 

International Conference on Machine Learning

Date: Sep 23, 2020

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

EventTitles: The Complexity of Finding Stationary Points with Stochastic Gradient Descent, Proving the Lottery Ticket Hypothesis: Pruning is All You Need, Is Local SGD Better than Minibatch SGD?

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

I, Ohad Shamir, 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): Ohad Shamir

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☒ Accept ☐ Decline

Signature:

Date: Sep 23, 2020

---

Name (Print): David Blei

Signature: 

International Conference on Machine Learning

Date: Sep 23, 2020