

SUMO: The Scene Understanding and Modeling Challenge

OFFICIAL RULES

- **NO PURCHASE OR PAYMENT OF ANY KIND IS NECESSARY TO ENTER OR WIN THIS CONTEST. A PURCHASE OR PAYMENT OF ANY KIND WILL NOT INCREASE YOUR CHANCES OF WINNING.**
- **THIS IS A SKILL-BASED CONTEST.**
- **VOID WHERE PROHIBITED BY LAW.**
- **AFFIDAVIT OF ELIGIBILITY / RELEASE OF LIABILITY / PRIZE ACCEPTANCE AGREEMENT MAY BE REQUIRED.**
- **ALL DISPUTES WILL BE RESOLVED SOLELY BY BINDING ARBITRATION AND ENTRANTS WAIVE THE ABILITY TO BRING CLAIMS IN A CLASS ACTION FORMAT.**
- **NOTE TO ALL MINOR ENTRANTS: YOU MUST ASK YOUR PARENT OR LEGAL GUARDIAN FOR PERMISSION AND HELP TO ENTER. EACH WINNER'S PARENT/LEGAL GUARDIAN MAY BE REQUIRED TO PARTICIPATE IN THE PRIZE FULFILLMENT PROCESS AND REQUIRED TO EXECUTE THE PRIZE ACCEPTANCE DOCUMENTS OR THE PRIZE MAY BE FORFEITED. EACH MINOR ENTRANT'S PARENT OR LEGAL GUARDIAN AGREES TO BE BOUND BY THESE OFFICIAL RULES BOTH INDIVIDUALLY AND ON BEHALF OF MINOR ENTRANT.**

BY ENTERING (OR OTHERWISE PARTICIPATING) IN THE CONTEST, ENTRANTS (AND A MINOR ENTRANT'S PARENT OR LEGAL GUARDIAN ON MINOR'S BEHALF) AGREE TO THESE OFFICIAL RULES, WHICH CREATE A BINDING CONTRACT, SO READ THEM CAREFULLY BEFORE ENTERING. WITHOUT LIMITATION, SUCH CONTRACT INCLUDES GRANTS OF RIGHTS AND INDEMNITIES TO THE CONTEST ENTITIES FROM YOU, AND A LIMITATION OF YOUR RIGHTS AND REMEDIES.

1. Eligibility. SUMO: The Scene Understanding and Modeling Challenge (the “**Contest**”) is open only to individuals and teams who are at least thirteen (13) years of age or older at the date and time of entry. Employees, officers and directors of Facebook, Inc. (“**Sponsor**”, “**us**” or “**we**”), Facebook Technologies, LLC, and each of their respective affiliates, subsidiaries, advertising and promotion agencies, distributors and other prize suppliers (collectively, the “**Contest Entities**”), and each of such employees’, officers’ and directors’ immediate family members and/or those living in the same household (whether legally related or not) are not eligible to win a prize in this Contest. For purposes of this Contest, immediate family members are defined as spouse, partner, parents, legal guardians, in-laws, grandparents, siblings, children and grandchildren, and those living in the same household shall mean people who share the same residence at least three (3) months a year, whether legally related or not. Void where prohibited by law. By entering or participating in the Contest, entrants (and a minor entrant’s parent or legal guardian on a minor’s behalf) agree to be bound by these “**Official Rules**” and the decisions of the Judges (defined below) and/or Sponsor, which are binding and final on matters relating to this Contest, including, without limitation, interpretation of the Official Rules. Each minor entrant’s parent or legal guardian agrees to be bound by these Official Rules both individually and on behalf of the minor entrant.

2. Entry Period. The Contest begins on or about 9:00 a.m. Pacific Time (“**PT**”) on Tuesday, February 12, 2019 and all results must be received by the Sponsor on or before 11:59 p.m. PT on April 10, 2019 (the “**Entry Period**”).

3. How to Enter. To enter the Contest, you will need to follow the specific instructions in the Sumo Challenge Instructions Document (“**Documentation**”), available on <https://sumochallenge.org> (“**Website**”) and submit your technical paper and results prior to the conclusion of the Entry Period. All the details and specifics for participation in the Contest are provided in the Documentation. The Contest is organized into three (3) separate performance tracks (each a “**Category**”) based on the output representation of the scene. A scene is represented as a collection of elements, each of which models one object in the scene (e.g., a wall, the floor, or a chair). An element is represented in one (1) of three (3) increasingly descriptive representations: bounding box, voxel grid, or surface mesh. All aspects of a scene are modeled using the same representation.

Bounding Box Track

In the bounding box track, a scene is represented by a collection of oriented bounding boxes. This is similar to the SUN RGB-D Object Detection Challenge.

Voxel Track

In the voxel track, a scene is represented by a collection of oriented voxel grids.

Mesh Track

In the mesh track, a scene is represented by a collection of textured surface meshes.

Metrics

The SUMO evaluation metrics focus on the four (4) aspects of the representation: geometry, appearance, semantics, and perceptual (GASP). These metrics are based on best practices from challenges and peer reviewed papers for related tasks. Geometry encompasses object shape accuracy and pose error, appearance measures diffuse reflection error, semantics captures class label precision, and perceptual metrics measure the accuracy of the model according to human perception.

To participate in the Contest:

1. Familiarize yourself with the input and output formats.
2. Download the SUMO software and the data set.
3. Develop your algorithm.
4. Submit your results (“**Entry**”) using the instructions on the Website prior to the conclusion of the Entry Period.
5. Draft an up to four (4) page technical paper (“**Paper**”) using the template provided that describes your method and algorithm.
6. Your Paper must be submitted to the 2019 SUMO Challenge Workshop (“**Workshop**”), and must be accepted for publication in the Workshop.

(Your Entry and Paper are collectively referred to herein as your “**Submission**”.)

Software Download

The SUMO Challenge software includes code to read the SUMO input format, write the output format, and compute the evaluation metrics for a given scene and is made available as open source on Github.

Teams

Up to fifteen (15) individuals (each a “**Team Member**” and together, a “**Team**”) may combine to act as the “entrant” for a Submission. A Team can only consist of up to fifteen (15) individual Team Members; any Team found to have more than fifteen (15) Team Members will be disqualified. Each Team Member must satisfy all eligibility requirements set forth herein for an entrant. If one (1) Team Member fails the eligibility requirements, then the Team’s Submission will be disqualified. In the event one (1) Team Member is ruled ineligible, the remaining eligible Team Member may re-enter the Contest using a new and different Submission provided the Entry Period is still open. Team Members may only submit five (5) Submissions per day, with a max number of total Submissions through the Entry Period of fifty (50); other Submissions submitted by Team Members in their individual capacity will be disqualified. One (1) Team Member must make the Submission on behalf of the Team and list the name of the other Team Member in the space provided on the Website. If, at any time during the Contest, any Team Member elects to voluntarily end his or her participation in the Contest, the remaining Team Member(s) may continue on in his or her individual capacity using the Team’s Submission, provided that the remaining Team Member secures all necessary permissions and rights from the departing Team Member. Each Team Member shall be deemed to have jointly and severally made and entered into all of the representations, warranties and agreements contained herein and shall be jointly and severally obligated and bound thereby. Except as otherwise expressly set forth herein, all of the Contest Entities’ rights pursuant to these Official Rules relate to and are exercisable against each Team Member. In the event a dispute between Team Members cannot be sufficiently resolved, Sponsor may disqualify the Team in its sole discretion. In the event of a dispute where a given Submission is deemed to have been submitted by two (2) or more separate entrants or Teams, without limiting Sponsor’s rights and remedies, the entrant or Team that first submitted the Submission will be deemed the proper entrant or Team for the Submission. In the event of any dispute regarding the identity of an entrant, the relevant Submission will be deemed submitted by the email account holder used to enter the Contest.

Leaderboard

After the Contest launches, a leaderboard may be hosted on the Website, in Sponsor’s sole and absolute discretion.

Limit of one (1) Contest Entry per person/Team. A Submission may, in Sponsor’s sole and absolute discretion, be rejected if it fails to follow the technical, creative, and legal requirements disclosed on the Website, Github and in these Official

Rules. Sponsor's designated Website's computer clock will be the official timekeeper for the Contest. Those entrants who do not follow all of the instructions, provide the required information in their Entry form, or abide by these Official Rules or other instructions of Sponsor may be disqualified at Sponsor's sole and absolute discretion. All entries that are late, illegible, incomplete, damaged, destroyed, forged or otherwise not in compliance with the Official Rules may be disqualified from the Contest at Sponsor's sole and absolute discretion. Entries that subvert the entry process are void.

In the event of a dispute as to the identity of any entrant who submits an Entry, the Entry will be deemed submitted by the account holder of the email or other account (e.g., Facebook) from which it was sent, but only if such person is otherwise eligible. The "account holder" is the person assigned an email address or username by the entity responsible for assigning it (e.g., Yahoo). Winners (defined below) may be required to show proof of being the registered account holder. If a dispute cannot be resolved to the Sponsor's satisfaction, the Entry will be deemed ineligible. Sponsor and affiliated entities are not responsible for lost, misdirected, misplaced, stolen, tampered with, deleted, or invalid entries.

5. Intellectual Property. Entrant, upon submission of his or her Entry to the Contest, irrevocably grants to Sponsor, and each of its licensees, successors and assigns, the non-exclusive, perpetual, royalty-free, no-cost license and right to use and otherwise exploit the Entry, and all images, text and materials included or depicted therein, in whole or in part, in any manner or medium now or hereafter known or devised, throughout the universe and in any and all languages, including, without limitation, the right to display, reproduce, recreate, record, perform, exhibit, distribute, copy, edit, change, modify, add to, subtract from, re-title and adapt the same, to combine it with other material and otherwise use and exploit it without having to give any compensation to entrants or any third party, except for the awarding of the prize to the Winners in this Contest. Sponsor, and each of its successors, assigns and licensees, will have the right to make unlimited derivative works of Entries, to assign or transfer any or all of Sponsor's granted rights and to grant unlimited, multiple-level sublicenses. Without limiting the forgoing, Sponsor will have the right to use the Entry submitted as part of the Contest, and all images, text and materials included or depicted therein (if any), in any merchandising, advertising, marketing, promotion or for any other commercial or non-commercial purpose. Entrants hereby forever waive and relinquish all "moral rights (droit moral)" now or hereafter recognized in connection with Entries submitted as part of the Contest. Entrants agree that Sponsor shall have the sole discretion in determining the extent and manner of use of Entries and are not obligated to use any Entry. Entrants agree that Sponsor, nor its agents, shall be responsible for return or preservation of the Entries submitted.

Additionally, Papers submitted in connection with this Contest will be published electronically on IEEE Xplore (<https://ieeexplore.ieee.org/>), and IEEE will take ownership rights to any Papers submitted as outlined in their terms.

Each entrant acknowledges that Entries are not being submitted in confidence or in trust to Sponsor and that no confidential or fiduciary relationship is intended or created. Each entrant acknowledges that Sponsor and other entrants may have created ideas and concepts contained in their Entries that may have familiarities or similarities to his/her own Entry, and that he/she will not be entitled to any compensation or right to negotiate with the Contest Entities because of these familiarities or similarities. Notwithstanding any custom and practice in the industry to pay an individual for an idea (if any), nothing herein shall create an implied or express contract to compensate entrants for their Entries and there is no obligation for any Contest Entity to pay or otherwise compensate entrants for any of their ideas or materials in any communications with Sponsor, whatsoever. Entries are not confidential and the Contest Entities' only obligations to entrants regarding Entries are as specifically set forth in these Official Rules. The decisions of the Sponsor are final and binding in all matters relating to this Contest, including interpretation and application of these Official Rules. Entrant, by participating in the Contest, except where legally prohibited, grants permission for Sponsor and its designees to use his/her name, address (city and state/province), photograph, voice and/or other likeness and prize information for advertising, trade and promotional purposes without further compensation, in all media now known or hereafter discovered, worldwide in perpetuity, without notice or review or approval. Sponsor reserves the right to request from entrant at any time proof that entrant maintains all necessary rights in their Entry in order to grant Sponsor the rights required herein in a form acceptable to Sponsor. Failure to provide such proof may lead to, among other things, the entrant being disqualified from the Contest.

6. Representations, Warranties and Indemnity. By entering the Contest, entrant represents and warrants that he or she has read, understands, agrees to and will follow the Official Rules. Entrant further represents and warrants that his or her Submission and all materials and matter therein: (a) (except for elements that are within the public domain, consist of open source code, or are provided by Sponsor for inclusion in Submissions) are wholly original with such entrant and are not a copy or imitation of any other material or entrant has all necessary rights to grant the Sponsor the rights granted hereunder and exercise such without obligation or liability to any third party; (b) will not infringe or violate any right whatsoever, including, without limitation, any personal rights (e.g., defamation, privacy, false light, moral right, etc.) or any property rights (e.g., copyright, trademark, right to ideas, etc.) of any person or entity and the use thereof will result in no third party liability or obligations; and (c) is not the subject of any threatened or pending litigation, claim or dispute that might give rise to litigation, which adversely affects or in any way prejudices, impairs or diminishes the rights granted hereunder or

the value thereof. Entrant further represents and warrants that he or she has the right to agree to and fully perform consistent with these Official Rules and that he or she has complied and has obtained all permissions, licenses and consents that are necessary for the submission of the Submission and the use of the Submission and to verify compliance with the foregoing requirements. Entrant agrees to provide to Sponsor at Sponsor's request copies of all such permissions, licenses and consents. Sponsor reserves the right, in its sole discretion, to disqualify and/or not to post on the Contest Website any Submission that Sponsor determines does not comply with these Official Rules, to make such changes to any Submission as are necessary to make it compliant, or to require the entrant to do so. Entrant further acknowledges and agrees that he/she has not previously granted, assigned or otherwise encumbered his/her Submission, or any images, text and materials depicted therein, to any other third party. Further, entrant represents and warrants that Sponsor's use of any Submission, including any images, text and materials depicted therein, shall not violate an agreement to which such entrant has signed. Entrant agrees to indemnify and hold the Released Parties (defined below) harmless from and against any third party claims, to the extent arising out of or relating to any breach of any representation, warranty or covenant made by entrant in connection with his or her acceptance of these Official Rules or Contest activities.

7. Determining the Winners. After the conclusion of the Entry Period, each Submission will be reviewed by Sponsor, who will review Submissions based on the metrics identified in the Documentation. Based on the results of the metrics, one (1) winning Submission will be ultimately selected in each Category (three (3) total), and each entrant/Team who submitted a selected Submission will be a potential "**Winner**", subject to confirmation that the potential Winner has met the eligibility requirements and complied with these Official Rules. If there is a tie, Sponsor will break the tie by awarding the prize to the entrant/Team who submitted the Winning Submission first. Individuals/Teams cannot be a Winner of multiple Categories and if an individual/Team wins in multiple Categories, they will be selected as the Winner of the Category with the biggest prize and an alternate potential Winner will be selected in the other Category they won.

8. Notification of Winners. Each potential Winner will be notified by mail, email and/or other method (as selected by Sponsor) on or about June 16, 2019 unless extended by Sponsor. The Sponsor is not responsible for false, incorrect, changed, incomplete or illegible contact information. Notification is deemed to have occurred immediately upon sending of an email or other electronic message, one (1) day after sending via a delivery service or two (2) days after mailing. The potential Winners will be required to execute and return an affidavit of eligibility, a liability release, a publicity release and services and performances agreements (collectively, "**Prize Acceptance Documents**") within seven (7) days of date of issuance. If such documents are not returned within the specified time period, a prize or prize notification is returned as undeliverable, Sponsor is unable to contact a potential Winner or a potential Winner is not in compliance with these Official Rules, the prize will be forfeited and, at Sponsor's discretion, an alternate winner may be selected. Parents or legal guardians of a Winner under the age of majority in his/her state/province/jurisdiction of residence (which is eighteen (18) in most states in the U.S. but is nineteen (19) in Alabama and Nebraska and twenty-one (21) in Mississippi) may be required to also sign the Prize Acceptance Documents for the Winner to be qualified to receive his/her prize. Non-compliance shall result in disqualification. If a potential Winner is found to be ineligible, or if he or she has not complied with these Official Rules, or if he or she declines a prize for any reason prior to its award, such potential Winner may be disqualified and an alternate potential Winner may be selected. The Sponsor is not responsible for and shall not be liable for late, lost, damaged, intercepted, misdirected, or unsuccessful efforts to notify the potential Winners, or if potential winner is a minor, for late, lost, misdirected, or unsuccessful efforts of potential winner to provide signed parental or guardian consent.

9. Prize and Values. The prizes to be awarded in this Contest (which are subject to change in Sponsor's sole discretion) are as follows:

(1) Winner of mesh track: U.S. \$2,500 in cash (issued in the form of a check) + NVIDIA Titan X GPU, with an ARV of \$1,200.

(2) Winner of voxel track: U.S. \$2,000 in cash (issued in the form of a check) + NVIDIA Titan X GPU, with an ARV of \$1,200.

(3) Winner of bounding box track: U.S. \$1,500 in cash (issued in the form of a check) + NVIDIA Titan X GPU, with an ARV of \$1,200.

Note: Prizes and Prize availability have not been finalized and are subject to change. Not all Contest Winners may be eligible for prizes if they reside in a jurisdiction where the Contest is prohibited. If a Team wins a prize, the Team will be solely responsible for determining how the prize will be divided up amongst Team members.

Prizes are non-transferable, with no cash redemptions, equivalents or substitutions, except at Sponsor's sole and absolute discretion. All prize details not specified in these Official Rules, including prize substitutions, will be determined in

Sponsor's sole and absolute discretion. Prize details and availability are subject to change and prize provider's rules and restrictions, and in the event that Sponsor is unable to provide a Winner with his/her prize(s), the Sponsor may in Sponsor's discretion, elect to provide Winners with the approximate value of such item in cash or to award an alternate prize of comparable or greater value. In the event a Winner engages in behavior that (as determined by Sponsor or any prize provider in its or their sole and absolute discretion) is obnoxious, inappropriate, threatening, illegal or that is intended to annoy, abuse, threaten or harass any other person, Sponsor reserves the right to terminate the right to receive a prize, including ending a trip (if applicable) or end other applicable experience(s) early. All prize(s) are awarded "AS IS" and without warranty of any kind, express or implied (including, without limitation, any implied warranty of merchantability or fitness for a particular purpose). Winners will be solely responsible for all federal, state, local, international and/or provincial taxes, and for any other fees or costs associated with the prize(s) they receive, regardless of whether prize(s), in whole or in part, are used. The approximate retail value ("ARV") of the prizes are based on available information provided to Sponsor and the value of any prize awarded to a Winner may be reported for tax purposes as required by law. The Winners may be required to provide Sponsor with a valid U.S. social security number (if residing in the U.S.) for tax reporting purposes before the prize(s) will be awarded. If a Winner is residing in the U.S., an IRS Form 1099 may be issued in the name of Winners, or if a minor in the jurisdiction in which s/he resides, in the name of his/her parent or legal guardian, for the actual value of the prize(s) received. Unclaimed prizes will be forfeited. The total ARV of all of the prizes awarded in this Contest is Nine Thousand Six Hundred Dollars (\$9,600.00) (USD). Winners acknowledge that Sponsor is required to comply with applicable laws, including, but not limited to, U.S. and EU economic sanctions and trade restrictions. As such, Sponsor reserves the right to deny issuance of prizes when required by applicable law.

10. General Conditions. Released Parties (as defined below) are not responsible for lost, late, incomplete, inaccurate, stolen, misdirected, undelivered, delayed, garbled or damaged entries; or for lost, interrupted or unavailable network, server, Internet Service Provider (ISP), website, or other connections, availability or accessibility or miscommunications or failed computer, satellite, telephone or cable transmissions, lines, or technical failure or jumbled, scrambled, delayed, or misdirected transmissions or computer hardware or software malfunctions, failures or difficulties, or other errors or difficulties of any kind whether human, mechanical, electronic, computer, network, typographical, printing or otherwise relation to or in connection with the Contest, including, without limitation, errors or difficulties that may occur in connection with the administration of the Contest, the processing of entries, the announcement of the prizes or in any Contest-related materials. Released Parties are also not responsible for any incorrect or inaccurate information, whether caused by Contest Website users, tampering, hacking, or by any equipment or programming associated with or utilized in the Contest. Released Parties are not responsible for injury or damage to entrants' or to any other person's computer related to or resulting from participating in this Contest or downloading materials from or use of the Contest Website. Persons who tamper with or abuse any aspect of the Contest or Contest Website or who are in violation of these Official Rules, as solely determined by Sponsor, may be disqualified and all associated entries voided, all in Sponsor's sole judgment. Should any portion of the Contest be, in Sponsor's sole opinion, compromised by virus, worms, bugs, non-authorized human intervention or other causes which, in the sole opinion of the Sponsor, corrupt or impair the administration, security, fairness or proper play, or submission of Entries, or should the Contest be unable to run as planned for any other reason, Sponsor reserves the right, in its sole discretion to suspend, modify or terminate the Contest and, if terminated, at its discretion, select the potential Winners from all eligible, non-suspect entries received prior to the action taken or as otherwise deemed fair and appropriate by Sponsor. The Released Parties are not responsible for electronic communications that are undeliverable as a result of any form of active or passive filtering of any kind, or insufficient space in entrant's email or other account to receive messages. **CAUTION: ANY ATTEMPT TO DAMAGE THE CONTEST WEBSITE OR UNDERMINE THE LEGITIMATE OPERATION OF THE CONTEST IS A VIOLATION OF CRIMINAL AND CIVIL LAWS. SHOULD SUCH AN ATTEMPT BE MADE, SPONSOR MAY DISQUALIFY ANY SUCH INDIVIDUAL, AND SPONSOR RESERVES THE RIGHT TO SEEK DAMAGES (INCLUDING ATTORNEYS' FEES) AND OTHER REMEDIES FROM ANY SUCH INDIVIDUAL TO THE FULLEST EXTENT PERMITTED BY LAW.**

11. Release. By participating in the Contest, entrant agrees to release, discharge and hold harmless the Contest Entities, and each of their respective directors, officers, employees, agents, successors and assigns ("**Released Parties**"), from and against and any and all claims, liability, costs, losses, damages or injuries of any kind arising out of or related to (i) entrants' participation in the Contest (including travel to/from any Contest activity); (ii) any acceptance, possession, misuse or use of any prize (including, without limitation, losses, damages or injuries to entrant's or any other person's equipment or other property, or to their persons, including those arising from any travel to/from any prize event or activity); (iii) the Released Parties' violation of rights of publicity or privacy, claims of defamation or portrayal in a false light or based on any claim of infringement of intellectual property; and (iv) any typographical, human or other error in the printing, offering, selection, operation or announcement of any Contest activity and/or prize. Without limiting the generality of the foregoing, entrant agrees that Released Parties: (a) have neither made nor will be in any manner responsible or liable for any warranty, representation or guarantee, express or implied, in fact or in law, in connection with the Contest and/or with respect to prize(s), including, without limitation, to any prize's quality or fitness for a particular purpose; (b) maintain no

control over the personnel, equipment or operation of any air, water or surface carrier, ship line, bus or limousine company, transportation company, hotel, manufacturer or other person or entity furnishing services, products or accommodations (“Suppliers”) as a part of the prize(s) provided in connection with the Contest; and (c) will not be responsible or liable for any injury, damage, loss, expense, accident, delay, inconvenience or other irregularity that may be caused or contributed to: (i) by the wrongful, negligent or unauthorized act or omission on the part of the Suppliers or any of their agents, servants, employees or independent contractors, (ii) by any defect in or failure of any vehicle, equipment, instrumentality, service or product that is owned, operated, furnished or otherwise used by any of those Suppliers, (iii) by the wrongful, negligent or unauthorized act or omission on the part of any other person or entity not an employee of the Released Parties, and (iv) by any cause, condition or event whatsoever beyond the control of the Released Parties. Entrant further agrees to indemnify and hold harmless Released Parties from and against any and all liability resulting or arising from the Contest and to release all rights to bring any claim, action or proceeding against Released Parties. Sponsor is not responsible for the actions of entrants in connection with the Contest, including entrants’ attempts to circumvent the Official Rules or otherwise interfere with the administration, security, fairness, integrity or proper conduct of the Contest.

12. Publicity Release. Subject to applicable law, Winners irrevocably grant the Released Parties and each of their licensees, and its and their successors, assigns and sub-licensees the right and permission to use his/her name, voice, likeness and/or biographical material for advertising, promotional and/or publicity purposes in connection with the Contest, in all forms of media and by any and all means and media (now and hereafter known), and on and in connection with related products, services, advertising and promotional materials (now known or hereafter developed), worldwide, in perpetuity, without any obligation, notice or consideration except for the awarding of the prize to the Winners.

13. Suspension / Modification / Termination. In the event Sponsor is prevented from continuing with the Contest due to an event or occurrence beyond its control, including, but not limited to, fire, flood, epidemic, earthquake, explosion, labor dispute or strike, act of God or public enemy, communications or equipment failure, utility or service interruptions, riot or civil disturbance, terrorist threat or activity, war (declared or undeclared), interference with the Contest by any party, or any federal, state, provincial or local government law, order, or regulation, order of any court or jurisdiction, or other cause not reasonably within Sponsor’s control (each, a “**Force Majeure**” event or occurrence), Sponsor shall have the right to modify, suspend or terminate the Contest. Sponsor additionally reserves the right, in its sole and absolute discretion: (a) to modify, suspend or terminate the Contest should causes beyond Sponsor’s control corrupt or interfere with the administration, integrity, operation, security or proper play of the Contest; or (b) to disqualify any entrant found to be, or suspected of: (i) tampering with the entry process or the operation of the Contest; (ii) acting in violation of these Official Rules; or (iii) acting in an un-sportsmanlike manner.

14. Governing Law / Limitation of Liability. All issues and questions concerning the construction, validity, interpretation and enforceability of these Official Rules or the rights and obligations of entrants, Sponsor or the Released Parties in connection with the Contest will be governed by and construed in accordance with the internal laws of the State of California, without giving effect to any choice of law or conflict of law rules or provisions that would cause the application of any other laws.

BY ENTERING THE CONTEST, ENTRANT AGREES THAT TO THE EXTENT PERMITTED BY APPLICABLE LAW: (A) ANY AND ALL DISPUTES, CLAIMS AND CAUSES OF ACTION ARISING OUT OF OR CONNECTED WITH THE CONTEST, OR ANY PRIZE AWARDED, WILL BE RESOLVED INDIVIDUALLY, WITHOUT RESORT TO ANY FORM OF CLASS ACTION; (B) ANY AND ALL CLAIMS, JUDGMENTS AND AWARDS WILL BE LIMITED TO ACTUAL THIRD-PARTY, OUT-OF-POCKET COSTS INCURRED (IF ANY) NOT TO EXCEED TEN DOLLARS (\$10.00), BUT IN NO EVENT WILL ATTORNEYS’ FEES BE AWARDED OR RECOVERABLE; AND (C) UNDER NO CIRCUMSTANCES WILL ANY ENTRANT BE PERMITTED TO OBTAIN ANY AWARD FOR, AND ENTRANT HEREBY KNOWINGLY AND EXPRESSLY WAIVES ALL RIGHTS TO SEEK, PUNITIVE, INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES, LOST PROFITS AND/OR ANY OTHER DAMAGES, OTHER THAN ACTUAL OUT OF POCKET EXPENSES NOT TO EXCEED TEN DOLLARS (\$10.00), AND/OR ANY RIGHTS TO HAVE DAMAGES MULTIPLIED OR OTHERWISE INCREASED. SOME JURISDICTIONS DO NOT ALLOW THE LIMITATIONS OR EXCLUSION OF LIABILITY, SO THE ABOVE MAY NOT APPLY TO YOU.

15. Dispute Resolution. The Sponsor and entrant each agree to finally settle all disputes only through arbitration; provided, however, the Sponsor shall be entitled to seek injunctive or equitable relief in the state and federal courts in San Mateo County, California and any other court with jurisdiction over the parties. In arbitration, there is no judge or jury and review is limited. The arbitrator’s decision and award is final and binding, with limited exceptions, and judgment on the award may be entered in any court with jurisdiction. Except as set forth above, any claim, suit, action or proceeding arising out of or relating to this Contest shall be resolved solely by binding arbitration before a sole arbitrator under the streamlined Arbitration Rules Procedures of JAMS Inc. (“JAMS”) or any successor to JAMS. In the event JAMS is unwilling or unable to set a hearing date within fourteen (14) days of the filing of a “Demand for Arbitration”, then either party can elect

to have the arbitration administered by the American Arbitration Association (“AAA”) or any other mutually agreeable arbitration administration service. If an in-person hearing is required, then it will take place in San Mateo County, California. The federal or state law that applies to these Official Rules will also apply during the arbitration. Disputes will be arbitrated only on an individual basis and will not be consolidated with any other proceedings that involve any claims or controversy of another party, including any class actions; provided, however, if for any reason any court or arbitrator holds that this restriction is unconscionable or unenforceable, then the agreement to arbitrate doesn’t apply and the dispute must be brought in a court of competent jurisdiction in San Mateo County, California. Sponsor agrees to pay the administrative and arbitrator’s fees in order to conduct the arbitration (but specifically excluding any travel or other costs of entrant to attend the arbitration hearing). Either party may, notwithstanding this provision, bring qualifying claims in small claims court.

16. No Obligation to Use. Sponsor shall have no obligation (express or implied) to use or to otherwise exploit any Entry or, if commenced, to continue the distribution or exploitation thereof, and Sponsor may at any time abandon the use of the Entry for any reason, with or without legal justification or excuse, and entrants shall not be entitled to any damages or other relief by reason thereof.

17. Dates & Deadlines/Anticipated Number of Contestants. Because of the unique nature and scope of the Contest, Sponsor reserves the right, in addition to those other rights reserved herein, to modify any date(s) or deadline(s) set forth in these Official Rules or otherwise governing the Contest. Sponsor cannot accurately predict the number of entrants who will participate in the Contest.

18. Further Documentation. If Sponsor desires to secure additional assignments, certificates of engagement for the Submission or other documents as Sponsor may reasonably require in order to effectuate the purpose and intention of these Official Rules, then entrant agrees to sign same upon Sponsor’s request.

19. Contest Winner’s List. To receive the names of the Winners, visit the Github, Website or send a stamped self-addressed envelope (before August 1, 2019) to: SUMO Challenge Winner’s List, c/o Legal Department, 1 Hacker Way, Menlo Park, California 94025.

20. Identification of Sponsor. This Contest is sponsored by: Facebook, Inc., 1 Hacker Way, Menlo Park, California 94025.

21. Information Submitted. As a condition of entering the Contest, entrant gives consent for Sponsor to obtain and deliver his or her name, address and other information to third parties for the purpose of administering this Contest and to comply with applicable laws, regulations and rules. Any information entrant provides to Sponsor may be used to communicate with entrant in relation to this Contest or on a Contest Winner’s list.

22. Miscellaneous. The invalidity or unenforceability of any provision of these Official Rules or the Prize Acceptance Documents will not affect the validity or enforceability of any other provision. In the event that any provision of the Official Rules or the Prize Acceptance Documents is determined to be invalid or otherwise unenforceable or illegal, the other provisions will remain in effect and will be construed in accordance with their terms as if the invalid or illegal provision were not contained herein. Sponsor’s failure to enforce any term of these Official Rules will not constitute a waiver of that provision. Entrants agree to waive any rights to claim ambiguity of these Official Rules. Headings are solely for convenience of reference and will not be deemed to affect in any manner the meaning or intent of the documents or any provision hereof. In the event there is a discrepancy or inconsistency between disclosures or other statements contained in any Contest-related materials, privacy policy or terms of use on the Contest Website and/or the terms and conditions of the Official Rules, the Official Rules shall prevail, govern and control.