



Altair Global Contest for Students - 2022

This Contest is sponsored by Altair Engineering Inc., located at 1820 E. Big Beaver Road, Troy, MI 48083 USA ("Altair").

RULES AND REGISTRATION

1. ELIGIBILITY

The Altair Global Contest for Students - 2022 ("Contest") is open globally to students of colleges and universities who are eighteen (18) years or older at the time of Entry, except for students in countries or at universities subject to a ban on receiving United States technology exports or other restrictions. Any student who submits an Entry and is not a student at a college or university at the time of Entry will be disqualified. You can enter the Contest as a single person or as a team. If you are entering the Contest as a team, each team member is required to complete Registration and successfully apply for the Altair Student Edition Software License ("Entrant"). Entrants who have an existing Altair Student Edition Software License do not need to reapply at Registration. Optionally, a mentor may supervise your work (i.e., talk to your mentor or teacher and let the Contest become part of your regular university education). Employees, contractors, agents and immediate family members of Altair, its divisions, and its affiliates are not eligible to enter the Contest.

2. ENTRY PERIOD

The Contest will begin in May 2022. The deadline for submissions is August 5th, 2022 (11:59 p.m. Eastern Standard Time). Entries submitted prior to or after the Entry Period will be disqualified.

3. REGISTRATION/CONTEST INFORMATION

Registration for the Contest is free. Entrants must (i) complete the [registration](#) ("Registration") and (ii) successfully apply for the Altair Student Edition Software License at the competition landing page linked [here](#). Entrants who have an existing Altair Student Edition Software License do not need to reapply at Registration. Altair's Student Edition Software License is governed by Altair Engineering Inc.'s Educational Software License Agreement (Rev Nov 2017). Use of the Student Edition Software License is for ACADEMIC USE ONLY, which includes creating an Entry for this Contest. ENTRANTS ARE SOLELY RESPONSIBLE FOR ANY EXPENSES INCURRED TO PARTICIPATE IN THE CONTEST AND ARE NOT ENTITLED TO ANY COMPENSATION OR REIMBURSEMENT BY ALTAIR FOR ANY COSTS.

All additional Contest information can be found on the competition landing page linked [here](#).

4. ACCEPTANCE OF CONTEST RULES

Participation in the Contest constitutes the Entrant's full and unconditional agreement to and acceptance of these Contest Rules. In order for an Entry to be eligible to win, the Entry must fulfil all Contest Rules. Altair reserves the sole right to disqualify any Entry, at any time, for any violation of or lack of adherence to the Contest Rules.

5. ENTRY INFORMATION AND SUBMISSION REQUIREMENTS

5.1 To submit an Entry to the Contest, Entrant must (i) successfully complete Registration, (ii) have an Altair Student Edition Software License, and (iii) provide a submission per all requirements of the Contest Rules (collectively "Entry").

5.2 Entries must consist of the following:

- a) The Student Edition Software License file that was applied for and received by the Entrant to participate in this Contest. Note: The Student Edition Software License should not have expired on the day that the Entry is submitted.
- b) TrainData File (csv), final romAI model folder (.zip), final Activate model file(.scm)
- c) A Video or two-page pdf document describing the system modelled, the improvement and the final performance of romAI in comparison to the real-world system/digital twin. pdf: one page describing the system with images, also describe the simulation or digital twin used to generated the training data if applicable, and one page describing the results from the romAI

model vs the results from the real-world system/digital twin. video: explaining all the above in a video of maximum 5 minutes in duration.

- d) Optional: Creative Presentation Prize Entry, A five (5) minute (maximum duration) video explaining or demonstrating the work that was done in a creative way.

5.3 Entries must be submitted to Altair using the Altair Contest Dropbox located at the competition landing page linked [here](#). Each Entry must be submitted as a zip file. The title of each zip file must include the Entrant's name (or if submitting as a team, each team member's name), contest zone (see section 7 below) and date. Entrants may only submit one Entry during the Entry Period. Any Entry containing software viruses, Trojan horses, worms, time bombs, or other computer code designed to disrupt, damage, or limit the functioning of any software or hardware will be disqualified and legal action may be pursued against the Entrant.

5.4 By entering this Contest, the Entrant warrants that:

- a) The Entry is the Entrant's original work.
- b) To the best of the Entrant's knowledge, the Entry is not and has not been in production or otherwise previously published or exhibited.
- c) Neither the Entry nor its use infringes any intellectual property rights (such as a patent, a utility model, a design right, a trademark, a copyright, or a trade secret) of any other party.
- d) Any submitted Entries will not be submitted to any non-Altair contests/competitions or made public by Entrant until after the results of the Contest are published.

5.5 Altair understands that an Entrant's contact information may change during the Contest period, such as due to graduation. All Entrants are required to promptly notify Altair about changes to their Registrations (e.g. new email address).

6. JUDGES AND JUDGING CRITERIA

An international team of Altair experts will evaluate submitted Entries (the "Judges"). A maximum score of one hundred (100) points is possible and is based on the criteria specified below (the "Judging Criteria"):

1. Type of real-world system/digital twin (10 points)
2. Quality and relevance of the submitted reports and files - test data used to train the romAI, trained romAI folder, Altair Activate system model using the romAI (30 points)
3. Understanding of the required concept and improvement shown in the performance of romAI vs real system/digital twin outputs (40 points)
4. Innovation and creativity (20 points)

The optional five (5) minute (maximum) video explaining or demonstrating the work that was done, will be scored and awarded separately. (Most Creative Presentation)

The Judges will select two (2) to five (5) Entries (the "Selected Entrants") in each zone.

Important Dates:

- 5th August 2022: The deadline for submissions is 5th August 2022 (11:59 p.m. Eastern Standard Time).
- 12th August 2022: The prizes for each zone will be announced on the contest landing page linked [here](#). In addition, an email notification will be sent to the winners.
- 12th August 2022: The Global Winner (Worldwide First Prize) will be announced on the contest landing page linked [here](#).

Note: Altair reserves the right to independently verify the originality and ownership of an Entry. The decisions of the Judges are final.

7. THE PRIZES

Subject to the terms of this Contest, the prizes are as follows:

- Worldwide First Prize: \$1,000 USD. (For teams, the prize will be divided equally).

[Americas Zone](#) -

- Americas Zone First Prize: Gift voucher for \$1,000 USD. (For teams, the prize will be divided equally).
- Americas Zone Second Prize: Gift voucher for \$500 USD. (For teams, the prize will be divided equally).
- Americas Zone Second Prize: Gift voucher for \$250 USD. (For teams, the prize will be divided equally).
- Americas Zone Most Creative Presentation: Gift voucher for \$500 USD. (For teams, the prize will be divided equally).
- Additional Prizes: Each Selected Entrant from the Americas Zone will receive a gift voucher for \$50 USD.

EMEA Zone -

- EMEA Zone First Prize: Gift voucher for 900 Euros. (For teams, the prize will be divided equally).
- EMEA Zone Second Prize: Gift voucher for 450 Euros. (For teams, the prize will be divided equally).
- EMEA Zone Third Prize: Gift voucher for 225 Euros. (For teams, the prize will be divided equally).
- EMEA Zone Most Creative Presentation: Gift voucher for 400 Euros. (For teams, the prize will be divided equally).
- Additional Prizes: Each Selected Entrant from the EMEA Zone will receive a gift voucher for 40 Euros.

APAC Zone -

- APAC Zone First Prize: Gift voucher for \$1,000 USD. (For teams, the prize will be divided equally).
- APAC Zone First Prize: Gift voucher for \$500 USD. (For teams, the prize will be divided equally).
- APAC Zone First Prize: Gift voucher for \$250 USD. (For teams, the prize will be divided equally).
- APAC Zone Most Creative Presentation: Gift voucher for \$500 USD. (For teams, the prize will be divided equally).
- Additional Prizes: Each Selected Entrant from the APAC Zone will receive a gift voucher for \$50 USD.

In addition to the above prizes, up to five (5) selected Entrants from each region will receive a consolation prize of **\$50 USD**.

NOTE: Except where prohibited, a winning Entrant may be required to complete and return a signed affidavit of eligibility or other documentation within seven (7) days of being notified by Altair of the award. If the winning Entrant fails to sign and return the affidavit or other documentation within the required time period, an alternate Entrant may be selected according to the Judging Criteria.

8. LICENSE AND RIGHTS GRANTED

Entrants will retain ownership of the Files submitted with their Entry as set forth in section 5.2(b), including all intellectual property rights which may exist in the Files, provided, however, that Altair shall retain all ownership of any Altair software included in the Entry or the Files. Subject to the terms of this Contest, upon submission of an Entry, Entrant does hereby grant to Altair a perpetual, irrevocable, worldwide, royalty-free, fully paid-up, transferable, sublicensable, non-exclusive license to the Files, including, but not limited to, use, distribute, and otherwise exploit the Files, in full or in part. Under this license, and among other things, Altair has the right to use the Files, in full or in part, in marketing and training activities. This license includes, but is not limited to, the right to sublicense these same rights to all affiliates of Altair and resellers authorized by Altair. This license further includes, but is not limited to, to the rights to reproduce, encode, store, copy, transmit, publish, post, broadcast, display, and exhibit the Files, in full or in part, in any media throughout the world, without limitation, and without additional review, compensation, or approval from the Entrant or any other party. Additionally, under this license, Entrant grants to Altair the right to use the name, likeness, biography and other information about the Entrant in connection with the Entry. ENTRANT FURTHER AGREES NOT TO INSTIGATE, SUPPORT, MAINTAIN, OR AUTHORIZE ANY ACTION, CLAIM, OR LAWSUIT AGAINST ALTAIR, ITS AFFILIATES, EMPLOYEES, BOARD MEMBERS OR AGENTS, OR ANY OTHER PERSON, ON THE GROUNDS THAT ALTAIR'S USE OF THE ENTRANT'S FILES AS SET FORTH IN THESE CONTEST RULES INFRINGES ANY OF ENTRANT'S RIGHTS, INCLUDING, WITHOUT LIMITATION, COPYRIGHTS, PATENT RIGHTS, TRADEMARK RIGHTS, OR MORAL RIGHTS (DROIT MORAL). ENTRANT FURTHER ACKNOWLEDGES AND AGREES THAT ALTAIR IS IN NO WAY OBLIGATED TO PROTECT ANY INTELLECTUAL PROPERTY RIGHTS WHICH MAY EXIST IN THE FILES OR TO PUBLISH OR USE THE FILES IN ANY WAY OR EXERCISE ANY RIGHT OR LICENSE GRANTED HEREIN. It is the Entrant's sole responsibility to secure any intellectual property rights which may exist in the Files, whether before or after it is submitted. Nothing herein shall constitute an employment, joint venture, or partnership relationship between the Entrants and Altair. In no way is an Entrant to be construed as the agent or to be acting as the agent of Altair. For avoidance of doubt, each Entrant that submits an Entry grants this license and the accompanying rights, as described herein, to Altair. Like the license, the accompanying rights granted to Altair are perpetual, irrevocable, worldwide, royalty-free, fully paid-up, transferable, sublicensable, and non-exclusive.

9. DISCLOSURE OF ENTRY

Entrant submits an Entry at Entrant's own risk. By submitting an Entry, the Entrant's ideas, methods and materials may be made available to the public. BY SUBMITTING AN ENTRY, EACH ENTRANT FURTHER ACKNOWLEDGES AND AGREES THAT ALTAIR AND ITS

AFFILIATES, OR OTHER ENTRANTS, MAY HAVE CREATED ON THEIR OWN, OR MAY INDEPENDENTLY CREATE IN THE FUTURE, A DESIGN THAT MAY BE SIMILAR OR IDENTICAL TO THE ENTRANT'S ENTRY. THE ENTRANT HEREBY WAIVES ANY AND ALL CLAIMS HE/SHE MAY HAVE, AND/OR MAY HAVE IN THE FUTURE, THAT THE ENTRY ACCEPTED, REVIEWED AND/OR DISPLAYED AND DISTRIBUTED BY ALTAIR AND ITS AFFILIATES, OR SUBMITTED BY OTHER ENTRANTS, MAY BE SIMILAR TO HIS/HER/THEIR ENTRY. It is the Entrant's sole responsibility to ensure that no university-owned or third-party intellectual property is included in his/her/their Entry.

10. GENERAL CONDITIONS

Altair reserves the sole right to modify, suspend, or terminate the Contest or Contest Rules. In the event that the operation, security, or administration of the Contest is impaired in any way for any reason, including, but not limited to, fraud, virus, or other technical problem, Altair may, in its sole discretion:

- a) suspend the Contest to address the impairment and then resume the Contest in a manner that best conforms to the spirit of these Contest Rules; or
- b) award the prize according to the Judging Criteria from among the eligible Entries received up to the time of the impairment.

Altair reserves the right in its sole discretion to disqualify any Entrant who provides false Registration information or that it finds to be tampering with the Entry process or the operation of the Contest or to be acting in violation of these Contest Rules or in an unsportsmanlike or disruptive manner. Any attempt by any person to undermine the legitimate operation of the Contest may be in violation of criminal and civil law, and, should such an attempt be made, Altair reserves the right to seek damages from any such person to the fullest extent permitted by law. Altair's failure to enforce any term of these Contest Rules shall not constitute a waiver of that term.

11. RELEASE AND LIMITATIONS OF LIABILITY

BY PARTICIPATING IN THE CONTEST, ENTRANT AGREES TO RELEASE AND HOLD HARMLESS ALTAIR AND ITS AFFILIATES, AND THEIR RESPECTIVE OFFICERS, DIRECTORS, EMPLOYEES, AND AGENTS (THE "RELEASED PARTIES") FROM AND AGAINST ANY CLAIM OR CAUSE OF ACTION ARISING OUT OF PARTICIPATION IN THE CONTEST OR RECEIPT OR USE OF ANY PRIZE, INCLUDING, BUT NOT LIMITED TO: (A) UNAUTHORIZED HUMAN INTERVENTION IN THE CONTEST; (B) TECHNICAL ERRORS RELATED TO COMPUTERS, SERVERS, PROVIDERS, OR TELEPHONE OR NETWORK LINES; (C) PRINTING ERRORS; (D) LOST, LATE, POSTAGE-DUE, MISDIRECTED, OR UNDELIVERABLE MAIL; (E) ERRORS IN THE ADMINISTRATION OF THE CONTEST OR THE PROCESSING OF ENTRIES; (F) INJURY OR DAMAGE TO PERSONS OR PROPERTY WHICH MAY BE CAUSED, DIRECTLY OR INDIRECTLY, IN WHOLE OR IN PART, FROM ENTRANT'S PARTICIPATION IN THE CONTEST OR RECEIPT OF ANY PRIZE; OR (G) LOSSES, DAMAGES, ACTIONS, AND EXPENSES (INCLUDING ATTORNEY FEES) FOR INFRINGEMENT OF ANY THIRD PARTY INTELLECTUAL PROPERTY RIGHTS IN CONNECTION WITH AN ENTRY. THE ENTRANT FURTHER AGREES THAT IN ANY CAUSE OF ACTION, THE RELEASED PARTIES' LIABILITY WILL BE LIMITED TO THE COST OF ENTERING AND PARTICIPATING IN THE CONTEST, AND IN NO EVENT SHALL THE RELEASED PARTIES BE LIABLE FOR ATTORNEY'S FEES. ENTRANTS WAIVE THE RIGHT TO CLAIM ANY DAMAGES WHATSOEVER, INCLUDING, BUT NOT LIMITED TO, PUNITIVE, CONSEQUENTIAL, DIRECT, OR INDIRECT DAMAGES.

12. GOVERNING LAW

THE CONTEST IS SUBJECT TO UNITED STATES LAWS AND REGULATIONS AND IS VOID WHERE PROHIBITED BY LAW. FOR AVOIDANCE OF DOUBT, THIS CONTEST IS VOID IN COUNTRIES, TO PERSONS, OR THROUGH OTHER ENTITIES THAT ARE SANCTIONED BY OFFICE OF FOREIGN ASSETS CONTROL ("OFAC"), INCLUDING, BUT NOT LIMITED TO, THE BALKANS, BELARUS, BURMA, COTE D'IVOIRE (IVORY COAST), CUBA, DEMOCRATIC REPUBLIC OF CONGO, IRAN, IRAQ, LIBERIA, NORTH KOREA, SUDAN, SYRIA, AND ZIMBABWE. This Contest is being administered in the United States and shall only be construed and evaluated according to United States law. Except where prohibited, each Entrant agrees that any and all disputes, claims and causes of action arising out of, or connected with the Contest or any prize awarded shall be resolved individually, without resort to any form of class action, and exclusively by the U.S. Eastern District of Michigan or a state court of Michigan. All issues and questions concerning the construction, validity, interpretation and enforceability of these Contest Rules, an Entrant's rights and obligations thereunder, or the rights and obligations of Altair in connection with the Contest, shall be governed by, and construed in accordance with, the laws of the State of Michigan, without giving effect to any choice of law or conflict of law rules (whether of the State of Michigan or any other jurisdiction), which would cause the application of the laws of any jurisdiction other than the State of Michigan.

13. SEVERABILITY

If any term of these Contest Rules shall be found to be void or contrary to law, such term shall be deemed to be severable from the other terms and provisions herein, and the remainder of these Contest Rules shall remain in effect.

14. QUESTIONS

All questions can be submitted in the Altair Community. Links to the community pages for support will be provided in the contest landing page linked [here](#).