



Application Guidelines for the First AIIT IT and Design Engineering Solution Contest

The Advanced Institute of Industrial Technology (AIIT) is a public professional graduate school that educates highly skilled professional engineers who can contribute to the activation of industries by capitalizing on their professional knowledge and structured technical expertise. The Master's Degree Program in Information Systems Architecture nurtures professional information architects who can actively participate in the design, development, and management of information systems. The goal of our Master's Degree Program in Innovation for Design and Engineering is to play the central role in the field of design engineering by training the professionals to become *monozukuri* (manufacturing) architects who can lead the development that integrates sensibility and function. To discover and train the professionals of the future, we are holding a contest calling for solutions leading to new products and services.

AIIT has held design contests since 2007. Starting this year, we are holding the IT and Design Engineering Solution Contest that integrates IT technology and *monozukuri* technology. The contest is open to all students studying at higher educational institutions in Japan, as well as in other Asian countries. Adults are also welcome to participate in the contest. We look forward to receiving entries to the contest.

1. Theme

Disaster Preparedness in Tokyo

In anticipation of international sports events, Tokyo is increasingly promoting events to attract tourists from home and abroad. Amidst a rising number of different people concentrating in Tokyo, this contest focuses on disaster preparedness in big cities. AIIT is looking for disaster preparation solutions for Tokyo, which can be employed by residents, visitors, tourists from overseas, and elderly people to individuals with disabilities, in other words, everyone from various backgrounds. In line with the idea of freedom, use your knowledge in services, information processing, mobile devices, *monozukuri*, sensible design, and functional design to propose solutions for disaster preparation that are innovative, realistic, and practical. The ideal is that the solutions are also designed for use in times of peace.

2. Qualifications for Acceptance

- (1) JAPAN: A student of a graduate school, university, junior college, technical school (regular or specialized/non-degree course), high school, or vocational school anywhere in Japan.
- (2) Outside of Japan: Students of higher education institutions in China, Korea and ASEAN countries with universities that are members of APEN*1.
- (3) Professionals who meet the admission requirements of AIIT.*2
- (4) A group of students or professionals who meet the qualifications stated (1) to (3) above.

*1 About APEN (Asia Professional Education Network): This international organization was established under the guidance of AIIT in 2011 with a goal of developing PBL education programs, the advanced industrial personnel development methods, in university (graduate school) education, and increasing the use of these methods throughout Asia. Today its membership includes universities from 14 countries (Japan, China, Korea, Vietnam, Cambodia, Indonesia, Thailand, Malaysia, Laos, Singapore, the Philippines, Brunei, Myanmar, and India).

3. How to apply

(1) Work

All work must be unpublished and based on a novel idea, and conform to the theme above.

Also the work must be feasible and be capable of being commercialized using existing technology within two to three years.

✧ Each person (or group) can only submit one work. A person cannot belong to multiple groups.

(2) Submission: Please submit all of the following from ① to ④.

① Work (PDF file)

Regardless of whether color or monochrome and medium (sketch, drawing, chart, CAD drafting or other), each work must include:

a) Title and PR copy

b) Summary, agendas to be resolved, solution for agendas, your work, benefits, and other elements. The graphic of a prototype (screenshots, CG, illustration, photographs of a model, etc.).

*Do not write personal data such as your name or your organization on the work.

② (Optional) Movie file of your work: A movie (within two minutes) for describing (1). Upload the movie on YouTube as private and send the URL by email.

③ Application form (AIIT designated form)

④ Summary of work (AIIT designated form)

* If you live in Japan, please send the panel (A3 size) of your work in addition to ① to ④ by mail.

4. Notes

(1) Please send ①, ②, ③, ④ by e-mail within the period stated in 5. Submission Period.

E-mail address: [solution-contest\[at\]aiit.ac.jp](mailto:solution-contest[at]aiit.ac.jp) *Change [at] to @.

*The subject line of the e-mail must be "The First AIIT IT and Design Engineering Solution Contest Application Form", and the body of the e-mail must include your name, your nationality, and name of your school.

* If you want to send your work by post, please send ①, ③, ④ by both post and e-mail. Make sure your work is properly packaged, to avoid damage or breakage, when sending by mail.

(2) Submitted work is not returnable.

5. Submission Period

October 23rd (Mon), 2017 ~ November 10th (Fri), 2017

6. Evaluation and Announcements

The Judging Committee of AIIT will evaluate all received works, determine the best work, and announce it.

(1) Announcement

January, 2018 **【TENTATIVE】**

(2) Manner of announcement

- ① Contest website.
- ② Notifications will be sent via e-mail to the winners.

(3) Awards

Grand Prix (one): Certificate worth 300,000 Japanese yen

AIIT Award (multiple): Certificate worth 50,000 Japanese yen for each winner

* Withholding tax will be deducted from prize amount.

Please note that winning entries might appear on the AIIT website and other events.

7. Award Ceremony

The contest award ceremony will be held as follows:

February, 2018 **【TENTATIVE】**

8. Rights

- (1) The intellectual assets (design right, patent right, utility model right, right of trademark and copyright) of your work remains yours, and AIIT will not lay claim to your intellectual assets. Therefore, applicants are responsible for protecting their own works as their intellectual assets. Please take all necessary precautions to protect your rights.
- (2) AIIT reserves the right to present prizewinning work at AIIT exhibitions, and through AIIT's official website and/or any other media without the permission of the winner. In addition, AIIT may issue press releases on prizewinning work to the mass media.
- (3) If AIIT suspects that you have infringed another's intellectual asset or/and if your work is found to have been previously presented, AIIT may rescind your award.

9. Other

AIIT guarantees the confidentiality of your work until the announcement.

10. Applications and Inquiries

Office in charge of AIIT IT and Design Engineering Solution Contest:

Administration Office

Advanced Institute of Industrial Technology

1-10-40 Higashi-Oi Shinagawa-ku Tokyo 140-0011

Tel: +81-3-3472-7840 Fax: +81-3-3472-2790

<http://aiit.ac.jp/english/>

Mail: solution-contest[at]aiit.ac.jp *Change [at] to @.