**The First Global Student Transportation Technology Challenge Scheme**

With the rapid development of modern transportation technology, opportunities and challenges continue to emerge during the past few decades. Under this background, the School of Traffic and Transportation in Beijing Jiaotong University is going to initiate the global transportation technology challenge competition for college students to strengthen the communication and interaction among transportation-related universities, accelerate academic and cultural exchanges among students across the world, enhance cooperation on a global scale, and promote innovation in this field. The specific scheme is as follows:

**1. The theme of the competition**

Interconnection, Sharing and Comprehensive development

**2. Organizer**

Host unit: Beijing Jiaotong University

Undertake unit: School of Traffic and Transportation, Beijing Jiaotong University

**3. Contestant**

This competition welcomes transportation-related colleges and universities all over the globe to participate.

**4. Competition time**

The competition will start in December 2019, and on May 16, 2020 (Saturday), the final defense, awards ceremony, and exchange activities will be held at the main campus of Beijing Jiaotong University.

**5. Expenses**

The expenses of the final stage of this competition (including venue fee, conference fee, judging fee, etc.) shall be borne by Beijing Jiaotong University. Students and instructors who participate in the final need to pay their transportation and accommodation fees, and the organizer will provide working meals for the conference.

The competition sets awards without a bonus. For particularly outstanding entries, the organizing committee will provide partial travel funding as support.

**6. Entry instructions**

1) Participants

Students (including undergraduates and graduate students) major in transportation engineering-related disciplines from participating universities across the world.

2) Categories and requirements

(i) Scope of entries (categories)

Entries should be completed independently by participating students and possible to be utilized for solving specific practical problems that occurred during the development of modern transportation. The scope of entries includes transportation planning and management, transportation information engineering and control, and vehicle application engineering.

(ii) Requirements for entries

All entries should focus on the competition theme of “interconnection, sharing and comprehensive development” and propose optimization methods or solutions encompassing novelty, feasibility, practical value, completeness as well as particular challenges in response to specific problems in the transportation system.

All entries should be original works that are independently completed and not published. Participants and instructors must commit the originality of the works.

3) Entry method

Participants should fill in the registration form (which is attached below)and send it to the designated mailbox of the competition. Each entry must be completed by no more than five participating students and no more than two teachers who are responsible for instruction.

5) Competition calendar

In December 2019, the competition plan will be released.

Before February 10, 2020, each project team should complete registration.

Before March 20, 2020, each project team should finish submitting their entries.

Before April 2, 2020, the preliminary round communication review.

On April 2, 2020, the finalists will be announced.

On May 16, 2020, the finals defense and awards ceremony.

**7. Entry-evaluating method**

1) In the preliminary stage, the organizing committee shall invite experts in the field to conduct a communication review, and no more than 40% of the entries will be recommended to enter the final defense.

2) In the final stage, the participants should conduct the on-site public defense in English. The first prize, second prize, third prize, and excellent work prize, will be determined in this stage. A panel composed of no less than seven experts from different countries will review the entries.

**8. Other instructions**

The organizing committee of the competition shall retain the description documents and papers of the entries, allowing them to be read and borrowed; The organizing committee of the competition may publish all or part of the description documents and papers of the entries and may use photocopying, down print or other means to preserve these contents.

**9. Award setting**

The first prize, second prize, third prize, and excellent work prize will be set up, and both the award certificate and trophy will be awarded.

**10. Contact information**

Competition secretariat address:

School of Traffic and Transportation, Beijing Jiaotong University, No.3 Shangyuancun, Haidian District, Beijing 100044, China.

Contact person: Ms He Ruojun

Phone: +86-10-51682004

E-mail: gcsttcc @bjtu.edu.cn

Contest announcement website: <http://trans.bjtu.edu.cn/cms/>

The organizing committee reserves the right to interpret and modify the matters not mentioned above.

Entry Form for the First Global Student Transportation Technology Challenge

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| --- | --- | --- | --- |
| University |  | | |
| Faculty/Department |  | Nation |  |
| Project leader |  | Discipline |  |
| Telephone |  | Email address |  |
| Instructor |  | Email address |  |
| Project Name |  | | |
| Category |  | | |
| Brief introduction of the project | （No more than 100 words） | | |
| Contestant commitment | This entry is independently completed by all members within the participating time. We understand and approve the competition plan.  Signature(by project leader)：  Date \_\_\_\_（DD）/\_\_\_\_（MM）/\_\_\_\_\_（YY） | | |
| Faculty/Department opinion | □Approve □Disapprove  Signature：  Date \_\_\_\_（DD）/\_\_\_\_（MM）/\_\_\_\_\_（YY） | | |

（Please fill out and sign this form, and send it in PDF format to the mailbox of the Organizing Committee: gcsttcc@bjtu.edu.cn）