

IDEA League Summer School 2021

-Online course- Call for participants

I . Human Powered Vehicle Concepts
(RWTH Aachen Summer School)

II . Climate Change and University Campuses
(RWTH Aachen Summer School)

III . Analysis and modeling road user behavior
(Chalmers University Summer School)

Tokyo Tech students are invited to participate in Summer Schools organized by IDEA League. These Summer Schools are conducted for students of the IDEA League member universities, and the ASPIRE League, in which Tokyo Tech is a member university, was invited to send its students as part of ongoing collaboration between the two Leagues.

This year, RWTH Aachen University offers two summer school and Chalmers University of Technology offers one summer school.

Due to the world-wide restrictions concerning Covid-19 and in order to protect the participants and lectures, the all Summer Schools are offered in an online format this year.

I . Human Powered Vehicle Concepts

Outline	Urbanization, digitalization and general environmental changes make society rethink mobility. These influences affect people's lifestyles and mobility preferences, but also bring a variety of new opportunities and technological innovations. It is more important than ever to ensure sustainable, comfortable and affordable mobility in human powered vehicles contributing to development.
	Detail: https://idealeague.org/human-powered-vehicle-concepts/
Dates	23-27 August, 2021
Format	Online course
Program Organizer	Institute for Automotive Engineering (ika) of RWTH Aachen University
Eligibility	Open for PhD and Master students
Number of Nominees from Tokyo Tech	1
Key words	Human Powered Vehicle, Bio-hybrid, Vehicle Concepts, sustainable, mobility, urban, bicycles

II. Climate Change and University Campuses

Outline	<p>This summer school facilitates an online interactive platform, the Climate Combat Lab, which brings together students and academics from five IDEA League universities to exchange and develop ideas on how to develop, test and disseminate climate change mitigation strategy and action plans for university campuses.</p> <p>Detail: https://idealeague.org/climate-change/</p>
Dates	25–27 August, 2021
Format	Online course
Program Organizer	RWTH Aachen University Chair of Urban Design
Eligibility	Open for PhD and Master students
Number of Nominees	1
Key words	Climate change, university campuses, capacity building, climate mitigation

III. Analysis and modeling road user behavior

Outline	<p>The course aims to provide with the human factors theoretical foundations for the analysis and modelling of road-user behaviour, within the context of road safety and development of driving automation systems.</p> <p>Detail: https://idealeague.org/user-behaviour/</p>
Dates	13-17 September, 2021
Format	Online course
Program Organizer	Chalmers University of Technology
Eligibility	Open for PhD students
Number of Nominees from Tokyo Tech	1
Key words	active safety systems, automated driving, crash causation, human behaviour, naturalistic driving data, safety assessment, vulnerable road users

Information

1. Eligibility Applicants should be
 - (1) Tokyo Tech Graduate Students
 - *For the Summer School organized by Chalmers University, only PhD students are eligible.
 - (2) Interested in the theme of the Summer School
 - (3) Able to attend an online interview (see 8. for details) .

2. Nominees from Tokyo Tech 1 student for each Summer School

3. Fees Free! There are no registration or participation fees.

4. Application Documents (1) Program Application Form*
 - * A copy of an email that shows your academic supervisor's agreement is acceptable. (You do not need to obtain the supervisor's signature or seal.)
 - *<https://www.titech.ac.jp/students/abroad/file/program-application-form--1.xlsx>
 - (2) Copy of Official Transcripts for all universities attended, including your current program*
 - *The copy of your GRADES LIST from Tokyo Tech Web System is acceptable.
 - (3) Certification of English language ability
 - *Certification is not required of IGP student

5. Deadline **Friday, July 30, 2021 at 17:00**

Please note that the above deadline is later than the one indicated on the program page of the IDEA League website.

6. Application Submission Send the application documents to International Engagement Division (aspiretokyotech@jim.titech.ac.jp) in a password-protected file, and then send the password in a separate email.

7. Submission and inquiries

Ms. Arai, International Engagement Division
Email: aspiretokyotech@jim.titech.ac.jp
*Send with the subject heading "IDEA League Online Summer School".

8. Selection Nominations will be based on document screening. **However, if there are multiple applicants for the same Summer School(s), online interviews will be held in the first week of August.** Please note that after the nomination from Tokyo Tech, the final selection will be made by the host university.

9. Notes If selected for the program, you are required to
 - register through (<https://sirop.org/app/register>) by the designated date.
 - Submit a completion report after participation in the Summer School.