

The Israeli Smart Transportation Research Center

ISTRC Call for Prizes 2021

Call publication: 19.4.2021

Final submission: 15.7.2021

Background

The Israeli Smart Transportation Research Center (ISTRC) at the Technion, in collaboration with Bar-Ilan University, was established jointly by the Smart Mobility initiative in Israel's Prime Minister's Office, and the Council for Higher Education. The aim is to encourage research and development, entrepreneurship, and industry in the field of smart mobility in Israel. You can learn more about the center from ISTRC website: <https://istrc.net.technion.ac.il/>.

ISTRC Vision

The vision of the Israeli Smart Transportation Research Center is to unite the academic and R&D community and various stakeholders to initiate and leverage Interdisciplinary and Intersectoral research activities that would contribute to smart, efficient, and green transportation, and position Israel as a world leader in the field.

For this purpose, we define the **Vision of Zero Transportation Externalities** in three dimensions: Zero casualties, Zero delays, and Zero environmental harm (<https://istrc.net.technion.ac.il/>).

The center collaborates with all academic institutions and researchers in Israel to promote cutting edge research and insights as well as empower and develop human capital in the field.

As Smart Transportation is interdisciplinary and multidisciplinary in nature, ISTRC encourage students and researchers from different fields and academic departments to promote ideas and research in this field.

Objectives of this Call:

ISTRC aims to develop human capital in the field of smart transportation and encourage students at all levels and from various related fields of knowledge.

ISTRC prizes are designed to achieve excellency and to increase the number of graduate students and researchers, through supporting students at all levels from a wide range of academic institutions in Israel, whose research can contribute to **ISTRC vision of Zero Transportation Externalities**.

ISTRC aims to encourage students and young researchers to generate cutting edge knowledge and insights in the field of smart transportation.

Funding scope and duration

The prizes allocation for this Call is up to 57,000 NIS and includes the following categories:

Prizes for best projects:

- Final project / seminar of Bachelor students.
First prize: 5,000 NIS, additional prizes up to 3,000 NIS each (in case of more than one student per project the prize will be divided equally between all applicants).
- Final project /seminar of non-thesis Master students. First prize: 5,000 NIS, additional prizes up to 4,000 NIS each (in case of more than one student per project the prize will be divided equally between all applicants).

Best thesis prize for:

- Master student: 5000 NIS
- PhD student: 10,000 NIS

Eligibility criteria

- Applicant is a student in one of the academic institutions in Israel whose research is within the scope of smart transportation.
- Applicant should be active / registered student while applying to the Call.
- Receiving the prize after completing studies is subject to the academic institution approval.

How to apply?

Submission date to ISTRC by 15.7.2021

Applications submitted after 15.7.2021 will not be considered.

Specifications for submission:

Full application should be submitted through EasyChair system, via this link:

<https://easychair.org/conferences/?conf=istrc-prize2021>

(In case you do not have an EasyChair account, please create one, following the EasyChair system instructions).

- Applications should be written in English.
- Full application should include:
 1. Application information:
 - Full name of applicants (authors), ID number, e-mail address; in case of more than one student, details of all applicants are required
 - Institution name (organization), Faculty/department
 - Name and e-mail address of supervisor(s)
 - Title of research / project
 2. CV (up to 2 pages) of all applicants (authors)
 3. Study certificate of the academic institution for the current semester (for all applicants)
 4. Recommendation of the supervisor(s)
 5. **For Bachelor / Master final work prize:**
Project/ seminar summary (up to 2 pages)
 - Project/ seminar title
 - Goal
 - Methodology
 - Findings / Conclusions (or progress report if the project/seminar is not completed)
 - Contribution to Smart Transportation (Zero Transportation Externalities vision)
 - Innovative aspect of the project/ seminar
 6. **For Best Thesis prize:**
Final thesis

Following the submission of an application, further details and clarifications about the student's research may be required from the student to assist with the evaluation of the application.

For questions and clarification, please see the Call and Q&A page on ISTRC website: <https://istrc.net.technion.ac.il/center-calls/#calls-1> or contact the Center Coordinator: Ms. Smadar Amir through istrc@technion.ac.il.

Assessment of proposals and results

Eligible proposals will be reviewed by a review committee established by ISTRC with at least five faculty members from at least five different institutions in Israel. Each proposal will be assessed by (at least) two experts.

Assessment criteria:

1. Letter of recommendation from the supervisor
2. Contribution of the project / seminar / thesis to smart transportation
3. Innovation level of the project / seminar / thesis
4. Quality level of the project / seminar / thesis
5. Research achievement (for Master and PhD thesis: papers, presentations in conferences, others)

Results will be sent to the academic institution by the end of September 2021.

ISTRC will publish winners' names and research titles, as well as supervisors' names, on the ISTRC website.

Reporting

Academic reporting

All publications generated from the research project / seminar / Master thesis / PhD will include acknowledgment of ISTRC funding ([see here](#)).

Selected studies will be presented by the researchers at the center's workshops or conferences, if requested.

Financial reporting

The academic institution will receive budget commitment letter allowing the institution to allocate the prize payment to the grantee.

The prize will be allocated to the academic institution after receiving budget execution report (meaning that the institution has transferred the prize to the student), signed by the institution's finance manager, no later than 15.11.2021.

ISTRC is working under the terms and conditions of the Council for Higher Education Call. According to The Planning and Budgeting Committee (PBC), no institutional overhead will be charged from this prize.

Application Information

The information you share in the process of the application will only be used by ISTRC reviewers for the purpose of evaluation of your application.

To the extent that proposals include unique knowledge, the applicant undertakes to protect the rights arising from it in a timely manner. ISTRC will not be responsible for this.

ISTRC is working under the terms and conditions of the Council for Higher Education Call.

ISTRC is not and shall not be liable to the content of any proposal, to the performance of any research that has received funding from the ISTRC and for any implementation or use of the results generated in such research, either by the applicant or by any third party.

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