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1st joint call-for-proposals in the fields of AI/ML and Energy research

Courtesy of the Zuckerman Fund to the Technion Center for Machine Learning and Intelligent Systems (MLIS) and the Nancy and Stephen Grand Technion Energy Program (GTEP) Nevet Program Grant

The Technion's Machine Learning & Intelligent System Center (MLIS), in collaboration with the Grand Technion Energy Program (GTEP), are pleased to announce a joint call-for-proposals seeking to promote intra-Technion collaborative research in the fields of AI/ML and Energy.

1. Grant outline:

- During 2021-2022, up to 5 research grants will be awarded to joint teams of MLIS and GTEP faculty members.
- Each grantee team will be awarded up to \$50,000 (including VAT), for a duration of 2 years and according to the following scheme:
 - \$30,000 will be granted for the 1st research year.
 - An additional \$20,000 will be granted for the 2nd research year, pending on grantees submission of significant 1st year results and deliverables presented after the first year of the project (e.g., joint publications and\ or submission of a larger proposal to external funding).
- Grant management procedures will follow standard Technion's EVPR (Manlam) funds protocol.

2. Eligibility:

- Each proposal must include at least two faculty members (one MLIS and one GTEP). Additional proposers (with any Technion affiliation) may join the proposers' group as needed. However, funding will be granted only to MLIS and GTEP members.
- Non-MLIS/GTEP faculty members may apply for funding provided that they enclose a MLIS/GTEP membership application to their proposal.
- Proposals must include both AI/ML and energy aspects. Priority will be given to:
 - (a) Proposals which display significant innovation potential and breakthrough character and
 - (b) Proposals previously unfunded through any other means.
- Funding may be used for direct research purposes only; travel expenses are considered ineligible.

3. Submission procedure:

- The proposal should not exceed **3 pages in total** (including any drawings, pictures and references). The minimum font size allowed is 11 points. Standard character spacing and a minimum of single line spacing is to be used.
- Proposals must be sent by the deadline to:

ml-program@technion.ac.il and galitk@technion.ac.il

The submission email must also include suggestions for 2 external (non-Technion, foreign or domestic) evaluators and a short paragraph explaining their relevance to the proposal.

- Each proposal must be sent as a PDF file and include the following sub-sections:
 1. Proposal title and names of involved faculty members.
 2. Description of the proposed research including current state-of-the-art.
 3. Budget breakdown for the main research components.
 4. Specification of current research funding concerning existing parallel or complementary research projects (if relevant).
- In addition to the proposal itself, each submission must also include:
 1. Short CVs of the proposers (Max 2 pages, font size 11). CVs are expected to span the last 5 years and include mainly publications as well as awards and/or major competitive grants (if relevant).
 2. Proposal abstract (as PDF, font 11, max half a page).
- Submission deadline is: 09.05.2021

4. Selection procedure:

- Submitted proposals will be evaluated by a joint MLIS-GTEP evaluation committee, assisted by external evaluators (if required).
- The Committee's decisions will be ratified by the Technion EVPR and will be final.

MLIP/GTEP evaluation committee will not include researchers that have submitted a proposal for this call.

5. Intellectual property rights:

All awarded projects are subject to the Technion's standard IP rules and regulations.

6. Post-award grant management:

- Grantees must submit a 1st year scientific summary report. Eligibility for the 2nd year grant is pending on the quality of the report and ancillary material (e.g., publications, grant submissions).
- If asked, grantees will be required to present their findings in a relevant MLIS/GTEP workshop.
- All reports and publications stemming from the project must include the following text: *"This research was partially supported by a donation from the Zuckerman Fund"*

*to the Technion Center for Machine Learning and Intelligent Systems (MLIS) and by
The Nancy and Stephen Grand Technion Energy Program (GTEP).*

MLIS directors

Prof. Shie Mannor



Prof. Assaf Schuster



GTEP director

Prof. Yoed Tsur

