



Call for Research Proposals – 2021

General

This call for proposals is aimed at multidisciplinary research in the area of additive manufacturing, in all disciplines. The proposal must include two (or more) full time faculty members from the Technion, from different academic departments. The proposal can also include external researchers (industry or academic) but the Technion AM center (TAMC) will not cover expenses or costs from non-Technion researchers.

Evaluation

The merit of the proposals will be evaluated based on their scientific excellence, originality, and interdisciplinary approach, and the ability of the investigators to successfully complete the proposed research. The proposal will be evaluated by a Technion-based committee and proposals will also be sent for external expert review.

Applications

Any two (or more) full-time Technion faculty member can serve as principal investigators (PI) and apply for this grant. They must show the capacity and means to lead the proposed research. A researcher can apply to one TAMC research proposal a year and cannot have more than one active TAMC proposal simultaneously. Each PI can be involved in one TAMC proposal a year.

Funding Level

Research proposals that are granted will be for up to \$60k (annually, and including VAT and 10% overhead) for all researchers in the proposal. Proposals will be for one or two years, while a second year will depend on the available budget and will be approved based on the report (See below) of the first year, among others. Starting date will be October 1st, 2021.

Coverage

The TAMC research proposals can cover human resources (post docs, graduate students, etc.), equipment necessary for the research including computers, miscellaneous (e.g., books) and travel (but not of the PIs).

Submission

All proposals will be submitted electronically in English as a PDF file to tamc@technion.ac.il. The e-mail subject header will be "TAMC Research proposal". Proposals will only be accepted until Sunday, July 4th, 2021. Proposals will be up to 10 pages (11pt font or larger), and will include:

1. Title
2. PI information including contact information (phone, Email).
3. Manlam form's number.
4. Abstract
5. Body of proposal:
 - a. Scientific background
 - b. Research objectives
 - c. Detailed description of proposed research
 - d. Preliminary results, if any, and prior collaborations between PIs.
6. References
7. Budget with detailed expected expenses for up to two years and justifications for the budget.

Each PI will also include (not included in the above 10 pages limit) a short CV (up to 2 pages, 11pt font or larger), including relevant recent publications.

A Manlam Research Form MUST be submitted via the SAP Portal in parallel to the submitted proposal. Proposals without a Manlam number of the submitted forms will not be reviewed.

Reports

The PIs will submit an annual scientific and budget report at the end of each year. As stated, the continuation into a second year will also depend on first year's report, and the available budget of the TAMC. Also, one of the PIs of each granted proposal will present their research, in one of the TAMC scientific meeting events, annually.