



## Call for Equipment Proposals – 2022

### General

This call for proposals is aimed to support the purchase of new infrastructure **equipment** to support research and teaching in the field of Additive Manufacturing and 3D Printing at the Technion. The proposal must clearly explain the affinity of the new infrastructure into additive manufacturing and 3D printing, identify the resources currently lacking at the Technion which will be rectified by the new infrastructure, and clearly explain the mechanism by which the infrastructure will be made available to Technion (and non-Technion) users. The proposal should include a clear plan for financing and implementation of yearly maintenance, so that the new infrastructure will serve the Technion as long as possible. This equipment will be listed under the TAMC web site and will be available for use for all the Technion, at cost value. While infrastructure support is department oriented at the Technion, supporting statements by PIs from other departments and from outside the campus are welcome.

This year, we will be collaborating with the PTC-Technion consortium that will partially support grants in AM activities (that hence can be potentially larger). Decision on whether the support is coming from TAMC, PTC-Technion consortium or a mix of the two, will be made as part of the approval stages.

### Evaluation

The merit of the proposed infrastructure will be evaluated based on its potential scientific impact on faculty and students, and how it opens new avenues for research in the field of additive manufacturing and 3D printing. The proposal will be evaluated by a Technion-based committee, and proposals may be sent for external expert review.

### Applications

Any full-time Technion faculty member can serve as a principal investigator (PI) and apply for this equipment grant. A supporting letter from the department Dean is required. Each PI can be involved in one TAMC proposal a year.

### Funding Level

TAMC will fund up to \$50k per infrastructure. Departmental/PI matching will significantly increase the probability of funding. Starting date will be **October 1<sup>st</sup>, 2022**.

### Submission

All proposals will be submitted electronically in English as a PDF file to [tamc@technion.ac.il](mailto:tamc@technion.ac.il). The e-mail subject header will be "TAMC Equipment proposal". Proposals will only be accepted until Wednesday **July 6<sup>rd</sup>, 2022**. Proposals will be up to 10 pages, and will include:

1. Title
2. PI information including contact information (phone, Email).

3. Abstract
4. Body of proposal:
  - a. Scientific background;
  - b. Description of the infrastructure;
  - c. Plan to maximize its use by Technion and non-Technion users;
  - d. Plan for maintenance.
5. Detailed 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.

## Reports

The PIs will submit an annual user/usage report at the end of each year, for three years.