

November 2021

TAD – Call for High Impact Research Proposals

The primary mission of TAD center is to foster groundbreaking research which involves Artificial Intelligence (AI) and Data Science (DS). To achieve this aim, TAD is pleased to announce a funding opportunity for **high impact research projects**. Proposals are sought for ground breaking and ambitious research leading to game-changing impact **in any scientific field, that has potential for a major contribution from AI/DS**. (Including cases where existing AI/DS methods do not adequately address existing challenges or ones where new high impact goals can be defined that require development of new AI/DS tools or utilization of state of the art AI/DS tools).

This call is open to any scientific discipline where AI/DS can make major impact. TAD is interested in funding pioneering work based on innovative concepts that promises major impact, high reward and promotion of public interest. The call is also open to scientists who identify appropriate challenges but do not currently have the required AI/DS expertise to fully address them, and are looking to establish a collaboration towards that end (with TAD or core AI/DS researchers). Strong preference will be given to projects that address each of these areas to the fullest extent possible:

- Scientific merit and quality of the proposed research
- Impact of the proposed research
- Relevance of the proposed research to TAD center's mission
- Qualifications of the proposed research team to achieve proposal goals
- Appropriateness of the requested resources

Eligibility Criteria

- Applicants must be **Principal Investigators (PIs)** at TAU
- Research proposals may be submitted by a single PI or a team of up to 3 PIs

Award Details

Projects will be awarded for a duration of up to 3 years. Each grant will be awarded up to a total amount of \$300,000, subject to sufficient progress in the project. About 2 projects are expected to be awarded.

Application Process

The first step in the application process for High Impact Research Grants will be the submission of a Letter Of Intent (LOI). The deadline for receipt of the LOI is December 9th, 2021 (midnight). Letters of intent will be evaluated by the TAD Review Committee for assessment with respect to the stated criteria.

Applicants will be notified by the end of December 2021 whether they are invited to submit a full application, with a deadline mid-February 2021. Awards are expected to be announced during March 2022.

Letter Of Intent Guidelines

Applications must be submitted as one pdf file to: datascience@tauex.tau.ac.il.

Applications should include the following materials:

1. Title of project, PI and co-PI's names and affiliations
2. Project description, limited to 2-pages (including figures. references are *not* counted towards page limit) and must include:
 - Project abstract (comprehensible to scientists from different disciplines)
 - Project goals
 - Innovation and expected impact
 - Qualification of the PI/ team to achieve the proposed goals
3. Total funding to be requested, including brief budget justification (one paragraph)
4. Biosketch or CV for PI and all co-PIs

Important Dates

December 9, 2021 - LOI application deadline

December 30, 2021 - Decision notifications

February 15, 2022 - Full application deadline

March 2022 - Award announcement



The AI and
Data Science
Center (TAD)
Tel Aviv University

המרכז לבינה
מלאכותית
ומדעי הנתונים
אוניברסיטת תל אביב

Post-award expectations

- A progress report must be submitted at the end of each year and at the end of the project period.
- All publications, presentations and products from this award should acknowledge TAD.

Contact information

For questions about this funding program, please contact Dr. Shiri Stempler, Director of collaborative research and scientific content at shiristemp@tauex.tau.ac.il.