

TPM-AI lab: Call for Proposals for research grant “Postdoc”

Introduction

The faculty of Technology Policy and Management (TPM) has established the TPM-AI lab to develop and foster a community of AI researchers. TPM-AI lab is committed to facilitating and supporting comprehensive engineering goals in relation to AI research, and to promoting interdepartmental collaboration in the faculty.

Artificial Intelligence (AI) related research is increasingly gaining traction in a variety of fields, as we are looking at a future which will gradually employ AI in a multitude of areas. TPM does excellent discipline specific AI related research. Notwithstanding the quality of research, we see a need to bolster substantial interdisciplinary research at TPM. Akin to gravitation projects that aim to fund and encourage interdisciplinary research, the TPM-AI lab is committed to pushing the boundaries and building a stronger scientific community across departments within TPM as well.

To this end, the TPM-AI LAB will support one AI related research project by providing funds for hiring a post-doc to carry out interdisciplinary research across the TPM faculty.

Scope

The aim of this call for project proposals “postdoc” is to improve collaborative, interdisciplinary, and interdepartmental research in/on/with AI at the TPM faculty at TU Delft. We want to support research that takes a comprehensive engineering approach.

The general scheme of this call is AI related research (research on AI, research in AI or research with AI). This can include (but not limited to) theoretical studies, methodological developments, critical studies, empirical studies, experimental projects, and the development of new tools and technologies.

The timeline for the research project is two years. By the end of the timeline, the promoters of the selected project will present the outcomes and conclusions of their work at one or more events within the TPM AI Lab and will produce a short presentation (in Dutch and in English) accessible to a wider audience. We also expect the postdoc to become an active member of the TPM AI community. Namely, by engaging in our internal and external events, including creating new initiatives and events in collaboration with the TPM AI Lab Junior Research Council (JRC).

For more information about the TPM AI Lab, please visit the following link:
<https://www.tudelft.nl/tbm/tpm-ai-lab/>

Eligibility criteria

To be eligible for the funding, the proposals and consortium must comply with the following criteria:

- The main applicant must hold a faculty position within TPM for the duration of the project (Lecturers, Assistant, Associate, and Full professors are welcome to apply).
- The consortium must involve at least one member from each of the three departments within TPM (ESS, MAS, VTI). The consortium must involve maximum three people. All consortium members must hold a faculty position within TPM for the duration of the project. (Lecturers, Assistant, Associate, and Full Professors)

Assessment criteria

- An independent committee of experts, outside of TPM, will evaluate the proposals based on (1) the scientific quality of the project, (2) the strength of the expected interdisciplinary collaboration between the three departments within TPM, and (3) the track record of all applicants. The three aspects are key to a successful proposal and should be clearly described in the proposal.
- The TPM AI Lab MT will take the final decision based on the committee's recommendations.

Submission process

- The proposal must be in English. The word limit for the proposal is 1000 words, excluding references. Please limit your references to one page.
- The proposals must follow the template provided by the TPM-AI lab on its website.
- **Proposals must be submitted by 10/05/2021 to TPM-AI lab email address (AIlab-TPM@tudelft.nl) with the subject: Application for CFP Postdoc.**
- Applicants must not be involved in more than one application.
- We expect to have the results of the selection of the proposal in June.

In case of any questions about the proposal, please feel free to reach us at AIlab-TPM@tudelft.nl.