

ITC Conference Grant - APPLICATION FORM -

Action number: CA20111

Applicant name: Tavo Annus

Conference Details

Conference title: 2024 Workshop on Type-Driven Development (TyDe)

Conference web-page: <https://icfp24.sigplan.org/home/tyde-2024>

Conference venue: Allianz MiCo (Milano Convention Centre)

Conference start and end date: 06/09/2024 to 06/09/2024

Accepted contribution details

Title of the presentation: Term Search in Rust

Type of the presentation: oral

Co-authors: Philipp Joram

Other details of the presentation: *Presentation of full paper "Term Search in Rust". Applicant will also attend the colocated ICFP conference, and is applying only for funding of TyDe-related expenses.*

Relevance of the Conference topic to the Action

Description of the relevance of the Conference to the Action (e.g., MoU objective, deliverable or WG task).

The Type-driven Development (TyDe) workshop, colocated with ICFP, brings together researchers and practitioners exploring how types can aid program development. It is organized in part by members of WG6. Our work aims to bring methods for *proof-* or *term search* developed for automatic theorem provers (WG2) to an industrially used language, Rust (CBO-7).

Motivation and expected impact

Description of the applicant's motivation to participate in the conference and potential impact on the applicant's career.

By presenting the outcome of my master's thesis at the workshop, I expect to gain insight into the world of research. It presents an opportunity to receive feedback from experts, and help me decide whether to pursue PhD studies in this area of research. Additionally my participation would increase visibility of local research within the community, as I am affiliated with an institution from a COST Inclusiveness Target Country (*Estonia*).

