

Inclusiveness Target Countries Conference Grant - APPLICATION FORM¹ -

Action number: CA20111

Applicant name: Ana Jorge Almeida

Conference Details

Conference title: 31st International Conference on *Types for Proofs and Programs* (TYPES)

Conference web-page: <https://msp.cis.strath.ac.uk/types2025/index.html>

Conference venue²: University of Strathclyde (Glasgow, UK)

Conference start and end date: 09/06/2025 to 13/06/2025

Accepted contribution details

Title of the presentation: Expansion in a Calculus with Explicit Substitutions

Type of the presentation: oral

Co-authors: Sandra Alves and Mário Florido

Other details of the presentation: Presentation of extended abstract titled "Expansion in a Calculus with Explicit Substitutions". I am only applying for expenses related to my attendance at the TYPES conference.

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 TYPES 2025 conference is highly relevant to COST action CA20111, as it aligns closely with its core objective of promoting the development of proof systems and their applications in computer science and mathematics. TYPES focuses on type theory and its use in formal methods and certified programming, which are central themes in EuroProofNet's Working Groups, particularly WG3.

Motivation and expected impact

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

¹ This form is part of the application for a grant to present the work of the applicant at a conference. It is submitted to the COST Action MC via e-COST. The Grant Awarding Coordinator coordinates the evaluation on behalf of the Action MC and informs the Grant Holder of the result of the evaluation for issuing the Grant Letter.

² For an online conference, specify virtual participation; for hybrid conferences, specify whether it is an in-person or virtual participation.

I am presenting the preliminary results of my research, which will provide me with both feedback and exposure to researchers working in a similar field as me, as I work towards my PhD. This will also deepen my understanding of research surrounding my work and may directly influence the direction of my following research. Additionally, my participation will increase visibility of some of the research developed at the University of Porto in Portugal.