

Report on the outcomes of a presentation and participation - Young Researcher and Innovator Conference¹

Action number: CA22145

Grantee name: Jakub Kowalski

Conference Details

Conference title: European Conference on Artificial Intelligence

Conference web-page: <https://ecai2025.org/>

Conference venue²: University of Bologna, The Engineering School

Conference start and end date: 25/10/2025 to 30/10/2025

Accepted contribution details

Title of the presentation: Generalized Proof-Number Monte-Carlo Tree Search

Type of the presentation: (oral/poster) organizers will decide later

Co-authors: Dennis J. N. J. Soemers, Szymon Kosakowski, Mark H. M. Winands

Other details of the presentation: Main Track of the conference

Outcome of the conference participation

Description of the outcome of the presentation of the accepted contribution, in terms of grantee's visibility, including the establishment of new contacts for future collaborations

(max.500 word)

I presented the paper "Generalized Proof-Number Monte-Carlo Tree Search" at the 28th European Conference on Artificial Intelligence (ECAI 2025) in Bologna. The presentation attracted considerable attention from researchers interested in search algorithms and game AI. During the Q&A session, participants asked several questions about the algorithm's generalization capabilities and possible usages for particular games.

My participation in the conference increased the visibility of the research and highlighted the activities of the COST Action. I attended workshops and main conference talks regarding topics aligned with the Action goals, mainly explainable AI and human-game interaction, gaining new professional connections with researchers working on these topics.

Through this participation, I strengthened international research links, enhanced recognition of the presented work within the AI community, and laid the groundwork for future collaborations within and beyond the Action.

¹ This report is submitted by the grantee to the Action MC for approval and for claiming payment of the awarded grant. The Grant Awarding Coordinator coordinates the evaluation of this report on behalf of the Action MC and instructs the GH for payment of the Grant.

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

Acknowledgement of inclusion of necessary supporting documents to claim the grant

I confirm that the following documents have been uploaded on e-COST as an integral part of this report:

- the certificate of conference attendance.
- the programme of the conference or book of abstracts / proceedings indicating the presentation (oral or poster) of the grantee.
- copy of the given presentation (oral or poster).