Report on the outcomes of a presentation and participation in a ITC Conference[1]

Action number: CA21126

Grantee name: Jakub Nadolny

Conference Details

Conference title: Extreme galaxies in their extreme environments at extremely early epochs

Conference web-page: https://events.bizzabo.com/extremegalaxies2024/home

Conference venue: Harpa Concert and Conference Centre, Reykjavik, Iceland

Conference start and end date: 29/04/2024 to 03/05/2024

Accepted contribution details

Title of the presentation: Main Sequence to Starburst Transitioning Galaxies: Gramma-ray Burst Hosts at z~2

Type of the presentation: poster

Co-authors: M. Michałowski, R. Rizzo, A. Karska, J. Rasmussen, J. Sollerman, J. Hjort, A. Rossi, M. Solar, R. Wróblewski, A. Leśniewska

Other details of the presentation: The poster session with a one minute to advertise the work.

Outcome of the conference participation

[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.

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)

The one minute flash talk, even if short, is very powerful way to advertise the work. The visibility of the work after the flash talk was increased and resulted in several conversation about the presented work but also about the work of the interested scientists. I could establish two possible collaborations (one with a ARC science staff at ALMA) and one with a scientist from USA regarding cosmological simulations with semi-analytic models. In particular, the collaboration with the ALMA scientist is valuable because of the interest in molecular and atomic carbon emission lines at mm range. Hopefully established contacts will results in collaboration and further investigation of carbon in the gamma-ray burst host galaxies. The principal idea is to write a proposal for ALMA to map the CO distribution. This will help us to interpret the nature of the object (if indeed has great reservoirs of molecular gas, or if we can see evidence of inflow of this gas). The second contact which I have established regarding cosmological simulations is about my another project about dust evolution in protoclusters. Even if not related to the action, I am thankful for the grant for that conference which has resulted to be fruitful with futre possible collaborations.

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).