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

Action number: COST Action CA21126

Grantee name: Eleni Nikoli

Conference Details

Conference title: NanoteC23 Carbon Nanoscience and Nanotechnology

Conference web-page: https://www.nanotec23.com/home

Conference venue[2]: University of Sussex

Conference start and end date: 29/08/2023 to 01/09/2023

Accepted contribution details

Title of the presentation: Carbon nanohorn-carbon dot with electrocatalytic activity for hydrogen evolution reaction

Type of the presentation: poster

Co-authors: E. Nikoli, A. Kagkoura, H. J. Ojeda-Galvan, M. Quintana, N. Tagmatarchis

Other details of the presentation: General poster presentations session

Outcome of the conference participation

Participating in NanoteC23, the 2023 Carbon Nanoscience and Nanotechnology Conference, provided me with a valuable opportunity to engage in knowledge exchange with leading researchers in the field of carbon nanoscience. This included discussions on its applications in various domains, including space-related industries and missions. The captivating oral presentations covering topics such as liquid-phase exfoliation of nanomaterials, gas-sensing applications, and the development of transparent, tunable, and flexible nanomaterials for corrosion and strain resistance significantly expanded my understanding of graphene-based materials and their transition metal-based counterparts. Simultaneously, the thought-provoking discussions during the poster sessions greatly enriched my comprehension of nanocarbons, both from a theoretical standpoint and in terms of practical laboratory applications. The questions raised about my own research during these sessions were particularly enlightening, thanks to the interactions with accomplished scientists. Attending this conference not only provided valuable insights but also facilitated networking with peers in my field. This networking holds the promise of potential collaborations for space exploration, a field with limited representation in Greece. As a result, I am now filled with confidence and motivation to explore the integration of nanocarbon materials into space technologies through collaborative research. In conclusion, my participation in the NanoteC23 conference on Carbon Nanoscience and Nanotechnology was a profoundly impactful and inspiring experience. It allowed

[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.

me to validate my research, and the prospect of future collaborations promises to further enhance my scientific pursuits.

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).