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

Action number: COST Action CA21126

Grantee name: Sideri Ioanna

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: Spatial Distribution of Functional Groups on Carbon Nanohorns Revealed by Energy-Dispersive X-ray Spectroscopy

Type of the presentation: poster

Co-authors: I. K. Sideri, H. Nakajima, T. Morimoto, K. Kobashi, M. Zhang, N. Tagmatarchis, T. Okazaki

Other details of the presentation: General poster presentations session

Outcome of the conference participation

Participating in NanoteC23 (Carbon Nanoscience and Nanotechnology Conference 2023) allowed me to exchange knowledge with pioneer researchers in the field of carbon nanoscience and its applications in variable domains including space-related industries and missions. The interesting oral presentations given in liquid-phase exfoliation of nanomaterials, in gas-sensing applications, as well as in transparent, tuneable and flexible nanomaterials against corrosion and strain, expanded my knowledge in graphene-based materials and its related transition metal-based analogues. In parallel, fruitful discussions during the poster sessions had essential impact in my understanding of nanocarbons both on a theoretical level as well as laboratory-wise. The questions risen on my poster were enlightening for my research and expanded my view on my own work owing to the excellent scientists that I had the privilege to discuss with. Attending this conference provided valuable insights and networking with peers in my field on which I aspire to base potential collaborations for space exploration, an endeavour that is very limited in Greece. I am thus confident and motivated to explore the integration of nanocarbon materials into space technologies by advancing my work via collaborative research. All in all, attending the NanoteC23 conference on Carbon Nanoscience and Nanotechnology was a highly impactful and motivating experience and gave me the opportunity to validate my research, while the potential collaborations will allow me to excel in my scientific pursuits in the near future.

[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).