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

Action number: CA21126

Grantee name: Ioanna Sideri

Conference Details

Conference title: 2024 Spring Meeting of the European Materials Research Society (E-MRS)

Conference web-page: https://www.european-mrs.com/meetings/2024-spring-meeting

Conference venue[2]: Convention & Exhibition Centre of Strasbourg (France)

Conference start and end date: 27/05/2024 to 31/05/2024

Accepted contribution details

Title of the presentation: **Outer coordination sphere of cobaloxime grafted graphene: Hydrogen evolution reaction insights**

Type of the presentation: poster

Co-authors: Georgios Charalambidis, Athanassios G. Coutsolelos, Raul Arenal and Nikos Tagmatarchis

Other details of the presentation: Symposium: J. Chemical functionalization of 2D materials

Outcome of the conference participation

Attending the 2024 Spring Meeting of the European Materials Research Society (E-MRS) has been an invaluable experience, greatly enhancing my visibility in the materials science community and facilitating the establishment of several promising collaborations. The presentation of my poster, titled "Outer Coordination Sphere of Cobaloxime Grafted Graphene: Hydrogen Evolution Reaction Insights," attracted considerable attention from leading researchers and industry professionals. The topic, focusing on the hydrogen evolution reaction (HER) and the innovative use of cobaloxime grafted graphene, resonated well with the attendees due to its relevance and potential impact on sustainable energy solutions. Throughout the poster session, I engaged in numerous discussions with attendees who expressed interest in the novel aspects of my research. These interactions not only provided me with valuable feedback but also highlighted the broader interest in the implications of my work for advancing HER technologies. In addition, potential joint publications with researchers met at the conference, will not only enhance the dissemination of my work but also integrate complementary expertise to address broader challenges in the field of materials science. All in all, the 2024 E-MRS Spring Meeting has significantly advanced my professional development by enhancing the visibility of my research and fostering new collaborations. The feedback and interactions experienced during the

[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.

conference have provided fresh insights and directions for my ongoing work on hydrogen evolution reactions. I am confident that the connections made and the collaborative opportunities identified will lead to substantial advancements in the research of carbon-based materials and contribute positively to the broader scientific community engaging also in energy-related nano-space applications.

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).