

COST Action CA16218
Action Title: NANOSCALE COHERENT HYBRID DEVICES FOR SUPERCONDUCTING QUANTUM TECHNOLOGIES

Minutes Management Committee Meeting GP4
28th of May 2021 (Remote meeting - via Zoom)

1. Welcome to participants

The meeting starts at 11h00. The Chair of the Action, Hermann Suderow opens the meeting and welcomes all participants. This is an exceptional online MC meeting forced by the confinement circumstances affecting all European countries due to the coronavirus outbreak.

The reason for organizing this 5th online meeting shortly after the previous online meeting held on the 22nd of February 2021 is to discuss about the new Virtual Networking tools recently launched by the COST Association. A brief introduction on how these work will be given and how we can apply these tools to the objectives of our Action discussed.

2. Verification of the presence of two-thirds of the Participating COST Countries or, if applicable, a quorum

32 participants are present in the meeting. More than 2/3 of the country representatives of the Action attended this 8th Management Committee meeting. Therefore, the quorum was achieved. The decisions taken during the meeting and the issues discussed are reported in these minutes and will be sent to all MC members for approval.

3. Adoption of agenda

The meeting participants agreed to adopt the meeting agenda sent by the Action Grant Holder via email on the 26th of May, 2021, where the main points for discussion were also highlighted.

There were no pending issues from last meeting.

4. Update from the Action Chair and Grant Holder

The chair informs about the organization of an online meeting, *Nanoengineered Superconductors – NES21 Young Investigator's online workshop, May 10-12, 2021* with great success and thanks the organizers very much for their efforts.

There is another workshop being organized, *Toposuper2021 – Online conference on emergent topological superconductivity 7-9 June 2021*, which will happen soon.

The chair informs that an extension of the duration of the Action for six months (Until the 16th of April 2022) has been obtained, which is really very good news. However, as there is still no new information about

budget, there is not yet much to plan for the next Grant Period. A new hybrid meeting will probably be organized by mid-October (12-14) in Paris “Low dimensional superconducting hybrids for novel quantum functionalities”. A new MC meeting can be planned at that moment, and then new activities can be planned more accurately having more information of the actual budget, etc

The current Grant Period will be extended until the 31st of October. An amendment of the contract will be prepared soon and a new Work and Budget Plan will need to be approved including the additional budget (top-up requests made before of around 50K€) which will be very likely granted by COST. The activities to be included in it will not contain significant novelties or differences with respect to what we already agreed in our past meetings. Most of the budget will be allocated to the online meetings already held (Miniworkshop “Towards strong correlations in van der Waals heterostructures and 2D materials”-March 2021; Nanoengineered Superconductors – NES21 Young Investigator’s online workshop, May, 2021; Toposuper2021 – Online conference on emergent topological superconductivity, June 2021) and to the first hybrid meeting that will be hosted in Slovakia “Superconducting Hybrids @ Extreme”. The Chair of the Action reminds about fostering STSMs and ITC conference grants now that raveling restrictions are being eased all over Europe as well as the availability of budget to pay for Open Access fees.

The Chair of the Action also reminds about the other activities that are currently being moved forward by several team members: a) Video “Women in superconductivity”, b) Book “Superconductivity for children”, c) Newsletter “Nanocoehyri highlights”.

Then, the chair of the action starts introducing the new Virtual networking tools recently adopted by COST. There are two types: A Virtual Networking support grant (VNS) of up to 4K€ and 6 Virtual mobility grants (VMG) of up to 1,5K€. The decision is taken that a call for Virtual Networking Tools will be launched. The decision on the Virtual Networking Support Grant will be by the Chair, Vice-Chair and the WG leaders. For the VMGs, all the details for the application, including and application form will be uploaded in the project webpage. The decision on the Virtual Mobility Grants will be taken by the STSM committee and there will be three collection dates:

June 7th for VMG aiming to start from June 15th

July 26th for VMG aiming to start from August 2nd

September 6th for VMG aiming to start from September 15th

The chair reviews other ongoing activities:

- a) Short Term Scientific Missions (STSM) and ITC conference Grants:** review of completed reports and new applications

The chair reminds that STSMs are open and invites for applications. No novelties are reported with respect to previous MC meeting.

- b) Dissemination actions – Open Access Publications**

The chair reminds the conditions for Open Access Publications and invites for applications. No novelties are reported with respect to previous MC meeting.

5. Implementation of COST policies on:

- a) **Promotion of gender balance and Early Career Investigators (ECI)**
- b) **Inclusiveness and Excellence (see below list of Inclusiveness Target Countries)**

The Chair remarks the need to monitor carefully the gender balance and early career investigators support of the Action.

6. Follow-up of MoU objectives: progress report of working groups

The Chair reminded the Action objectives and WGs based on the Memorandum of Understanding as well as the management structure.

7. Scientific planning

a) Scientific strategy

No novelties with respect to previous MC meeting.

b) Long-term planning (including anticipated locations and dates of future activities)

Online meeting in Finland and hybrid meeting in France and Italy. Further activities will be discussed in future meetings.

c) Dissemination planning (Publications and outreach activities).

The Chair reminds that publications acknowledging the Action are referenced in the webpage of the Action.

8. AOB

Main themes for discussion were risen in previous points.

9. Location and date of next meeting

The next online MC meeting will be held closely after the summer.

10. Closing

The MC Chair thanked the participation of all the MC members and closed the MC meeting at around 12h30.

[Meeting ends]