

**COST Action TD1409 – Mathematics for industry network (MI-NET)
5th May 2015 – 4th May 2019**

Minutes Management Committee Meeting

**Bath, United Kingdom
25 April 2019 from 10.00 to 12.30, Room CB4.5**

1. Welcome to participants

All participants were warmly welcomed.

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

A total of 20 countries were counted as present: Bulgaria, Cyprus, Denmark, Finland, France, Germany, Greece, Hungary, Ireland, Israel, Italy, Lithuania, Netherlands, Poland, Portugal, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

The following people were present at the meeting: Simo Ali-Löyty, Adérito Araújo, Krzysztof Burnecki, Miguel Bustamente, Raimondas Ciegis, Marianne Clausel, Istvan Farago, Aviv Gibali, Poul Hjorth, Dietmar Hoernberg, Robert Horvath, Joanna Jordan, Audrius Kabašinskas, Katerina Kaouri, Johan Karlsson, Vasileios Kostoglou, Alessandra Micheletti, Tim Myers, Hilary Ockendon, Wojciech Okrasinski, Joerg Osterrieder, Janez Povh, Peregrina Quintela Estévez, Viv Rottschafer, Wilhelmus Schilders, Nikolay Shterev, and Dirk Wilhelm.

MI-NET consists of 32 member countries; due to unexpected absences, there were therefore insufficient Management Committee members present at the meeting for the meeting to be quorate. In accordance with COST rules, the minutes of the meeting would be circulated subsequently for approval by an Action MC evote,

Action: Seek evote approval for the minutes from the Management Committee.

3. Adoption of agenda

The agenda was approved with no amendments.

4. Approval of minutes and matters arising of last meeting

Minutes from the previous meeting were approved without any corrections. Matters arising from the previous meeting were completed or had been included later on in the agenda.

5. Update from the Action Chair

1. Progress and final assessment

The Chair thanked all Committee Members for their participation in MI-NET and was pleased to share some positive feedback on the Action from Mafalda Quintas, COST Science Officer, who had not been able to attend the Management Committee in person, but wished the following message to be conveyed: *'I would much appreciate if you could convey to the MC the congratulations from COST. The success of each Action can only be attributed to the success and effort of each individual and all participants did make an excellent contribution'*.

Dr Quintas had also made a request for some examples of success stories arising from MI-NET for inclusion in the COST annual report, and the Chair highlighted areas which could provide suitable showcase examples so that Management Committee members could start planning possible contributions.

Action: Send follow up email to the Management Committee with further details of what is required (DH/HD).

2. Summary of Action activities

The Chair presented a summary table of the activities supported by MI-NET throughout the life of the Action; the group noted the figures for each category of activity and in particular that the number of Study Groups supported had increased significantly in Grant Period 4. The Chair was pleased to report that 40% of the Study Groups had taken place in countries where none had taken place previously.

3. Confirmation of evote

The Chair summarised the decisions approved by evote during Grant Period 4 for noting by the Management Committee.

4. Dissemination

The Chair reported on the dissemination materials arising from the action and confirmed their availability on the MI-NET website. In addition, a multi-author textbook to be published as an e-book in the Springer Math & Industry ECMI subseries was being prepared; the book, provisionally titled 'Industrial mathematics – bridging the gap between maths & industry' would re-use materials from existing booklets (Modelling weeks and Study Groups) as well as containing sections on Interdisciplinary and industrial research and

networks in industrial maths. The Chair suggested areas where further contributions from Management Committee members would be helpful.

Action: Send follow up email to the Management Committee with further details of what is required (DH/HD).

5. Final Assessment and future impact of the project

The Chair reported on procedures following the end of the Action, including the submission of a Final Achievement Report within one month of the end date of the Action, and the preparation of a Final Assessment Report by an Independent Action Rapporteur.

The Management Committee was unanimous in agreeing that MI-NET had been a success and that a continuation of the project in some form would be desirable. To this end, a good final project report was essential and contributions to the final report would be required.

Action: Send follow up email to the Management Committee with further details of what is required (DH/HD).

5a. Dissemination booth during ICIAM 2019

The Chair reported that pre-approval had been received from COST to enable a MI-NET presence at ICIAM 2019; all 20 members of the Management Committee present at the meeting unanimously agreed to support the resolution to approve a dissemination booth during ICIAM 2019 in collaboration with ECMI and EU-MATHS-IN.

Action: Seek evote approval from the Management Committee for the approval of this resolution.

6. Update from the Grant Holder: Action budget status

The Grant Holder gave a brief summary of the budget finances, reminding Management Committee members of the different components making up the budget totals and explaining how the overall figures had increased as a result of the recent update to the Working Budget Plan. Final expenditure figures were not available since activities were still taking place, but an underspend at the end of the project was likely.

7. Progress report of working groups reviewing tasks and deliverables

- Working Group 1: Industrial workshops: Adérito Araújo provided an updated on WG1 activities. The group noted again the success of ESGIs, which is likely to continue even without support from MI-NET.
- Working Group 2: Education & Training: Alessandra Micheletti provided an update on WG2 activities.

- Working Group 3: Case Studies: Katerina Kaouri provided an update on WG3 activities.
- Working Group 4: Membership & Publicity: Hilary Ockenden provided an update on WG4 activities.

There were no actions arising from this item.

8. MC member's feedback

Presentations from the following countries were received: Cyprus, Finland, France, Greece, Hungary, Ireland, Israel, Italy, Lithuania, Netherlands, Poland, Portugal, Spain, Sweden, Switzerland, and United Kingdom.

The group noted in particular: Lithuania's close relationship with the Chamber of Commerce, the Netherlands' establishment of an administrative post dedicated to relationship building with industry, and Spain's success in attracting MI-NET support.

There were no actions arising from this item, although it was suggested that Committee Members might like to register as Expert Evaluators for COST.

9. Future perspective (HPC, Industrial Maths, Machine Learning, ...)

The Chair reported on a possible ECMI initiative for a MI-NET follow up project; a core team had already been put together and planned to meet during ICIAM 2019.

In addition, Janez Povh gave a brief presentation on a specific project taking place in Slovenia and requested support from colleague in filling in a questionnaire which would be circulated in due course.

10. Closing

Joanna Jordan, the previous Chair and Vice Chair of the Action, reported on the process of applying for the COST Action and that she had been very grateful for the support received from ECMI and from other colleagues.

The Chair reminded the Committee of the MI-NET dissemination activities taking place during BAMC2019 and thanked all members for the contributions to the Action.