

2020 MMM TC Meeting Minutes

Wednesday July 22nd, 2020, 14:00 to 15:15 (Vienna time)

GoTo-Meeting

1. Attendance and apologies

22 Attendees: Andreas Kugi, Osamu Yamaguchi, Didier Theilliol, Daniel Sbarbaro, Andreas Steinböck, Zhiwen Chen, Chunhua Yang, André Desbiens, Kobus Oosthuizen, Hannes Seyrkammer, Adriano Ferreira, Chris Aldrich, Stanislaw Cierpisz, Kazuya Asano, Jocelyn Bouchard, Kevin Brooks, Ahmed Khelassi, Bei Sun, Derik Le Roux, Biao Huang, Stevan Dubljevic, Sibylle Kuster

The outgoing TC chair A. Kugi also received a number of apologies from absent TC members, which are not explicitly listed in the minutes.

2. Approval of the agenda

The Agenda is approved as is, no objection or comments.

3. Approval of the minutes of the previous meeting

The minutes are approved as they are.

4. IFAC World Congress 2020: short report on MMM papers by Andreas Kugi

A. Kugi thanks C. Aldrich, I. Craig, A. Desbiens, M. Hovd, D. Sbarbaro, D. Theilliol for serving as TC 6.2 Technical Associate Editors (TAEs) for the IFAC World Congress 2020. In total, 56 papers related to MMM topics were submitted and handled by the TAEs.

5. IFAC MMM Workshop 2021 in Nancy, France: status report presented by Didier Theilliol

D. Theilliol reports about the actual status of the preparations for the MMM workshop that will take place in Nancy, September 1-3, 2021, jointly organized by Université de Lorraine and ArcelorMittal. The MMM workshop proposal was approved by IFAC in January 2020.

Beside the main sponsoring TC 6.2, eight co-sponsoring TCs (2.3, 2.4, 4.2, 4.5., 5.1, 6.3, 6.4, 8.3) are involved.

The deadlines for the 2021 MMM workshop are as follows:

- Feb. 14, 2021: submission deadline for draft paper
- April 14, 2021: notification of paper acceptance
- June 14, 2021: submission of final paper version

The preliminary schedule of the workshop was prepared based on the assumption of 60 accepted papers. In the afternoon of September 2, a visit to the R&D center of ArcelorMittal is planned.

The workshop website (mmm2021.cran.univ-lorraine.fr) is under construction and will go online in September 2020.

No questions are raised. A. Kugi encourages all members of the TC 6.2 to strongly support the MMM workshop and promote it in their own country. Moreover, the excellent work of the organizing team is highly appreciated!

6. IFAC MMM Symposium 2022 in Montréal, Canada: proposal presented by Jocelyn Bouchard

J. Bouchard presents the proposal for hosting the IFAC MMM 2022 Symposium in Montréal, Québec, Canada, August 22-25, 2022. The topics of the Symposium are modelling, simulation, and advanced control, AI developments and applications, aluminum processing, automation of mining operations, and optimization of mine planning. The proposed conference location is Bonaventure hotel, centrally located and offering meeting rooms as well as guest rooms.

The symposium targets 80 attendees. In the course of the symposium, industrial tours shall be offered (e.g., Glencore Copper refinery, Glencore Zinc refinery, Rio Tinto Metallurgical Complex).

Members of the NOC and IPC have already been nominated:

- NOC: J. Bouchard, A. Desbiens, C. Prévost, E. Bartsch, E. Poulin, L. Lachance, C. Duchesne
- IPC: D. le Roux, A. Steinböck, K. Brooks,

An event coordinator (Conferium) will handle the non-scientific-aspects (budget, accounting, website, registration).

No questions are raised regarding this proposal. The members of TC 6.2 highly appreciate the plans and recommend to officially submit the proposal to IFAC according to <https://www.ifac-control.org/events/eventapplication>.

7. Free discussion on MMM TC activities and organization

A. Kugi presents the actual status of the TC 6.2. With its 63 active members, TC 6.2 is a small, but scientifically focused, industry-driven, truly international, cooperative and friendly group of experts in the field of MMM.

Possible open issues to be discussed in the near future are the improvement of the social media activities and a potential TC 6.2 award similar to other IFAC TCs.

A. Kugi expresses his thanks to the TC vice chairs and all the TC members for the excellent support and collaboration in the last 6 years and wishes his successor Chris Aldrich a good time as the new TC chair.

8. Date and place of next TC meeting

The next TC meeting will be held in the course of workshop in Nancy (September 1-3, 2021).

9. Handover to the next IFAC TC 6.2 Chair Chris Aldrich

C. Aldrich takes over the TC 6.2 chair. C. Aldrich will have to appoint the new TC vice chairs within the next couple of weeks. Moreover, he will contact all TC 6.2 members and request to renew their TC 6.2 membership. A. Kugi expresses his thanks to C. Aldrich for his willingness to become the new TC chair. C. Aldrich thanks A. Kugi for serving as TC chair during the last two triennia.