**APPLIED PETROGRAPHY GROUP**

**(A Sub-Committee affiliated to the Geological Society Engineering Group)**

**APPLIED PETROGRAPHY GROUP, (APG) THIRTY THIRD MEETING**

**Thursday, 31st March 2022, 11.00am**

**Skempton Room, Imperial College, London**

**UNCONFIRMED MINUTES**

**Present in person:** Hong Wong: **HW,** Ian Sims (Acting Chairman): **IS**, Alan Poole (Secretary): **AP**, Rachel Garside: **RG**,

Barrie Wells: **BW**, Marcus Yio: **MY**, Tamas Jasko:**TJ**, James Ferrari: **JF**, Alex Smith: **AS**, Anghari Hyett: **AH**,

**Present via Teams:** Richard Barnes: **RB**, Isabel Fernandes: **IF**, Phil Raybould: **PR**. Connor Waldron: **CW**, Bradley Staniforth: **BS**, Rahul Pillai: **RP**, Thomas Willetts: **TW**.

**1.** **Welcome**

Hong Wong welcomed all those present, and those attending remotely via the Teams system to this, the first meeting to be held at Imperial College.

**2. Welcome by the Chairman.**

Dr Ian Sims, acting chairman,welcomed everyone attending this the first meeting after the several postponements arising from the Covid restrictions. He thanked Dr Hong Wong for the organization and excellent facilities provided by the college for members at this meeting.

**3. Apologies Received:** Mike Eden, Paul Bennett-Hughes

**4. Summary of the 32nd Meeting, 13th February 2020.**

The Secretary referred to the Annex A Meeting Summary, empathizing that the postponements had delayed

progressing the w/c ratio in concrete trial referred to, and that this should now be addressed.

**5. Election of officers**

**AP** explained that our long serving chairman, Richard Fox, had now resigned because of his need

to care for his wife, Lesley who was suffering from mobility problems. **IS** had agreed to act as a

temporary chairman for this current meeting, but there was an urgent need to elect a new permanent

chairman, and in the longer term a new APG Group Secretary. Nominations were invited to be made

to the Secretary for consideration by the APG committee by the **25th April 2022** please.

**6. Matters of Report**

6.1 **AP** reported that Paul Bennett-Hughes is to step down as the APG representative on the RMS Physical Sciences committee so the APG would welcome someone to act as their representative, so please contact **AP** if you are interested. Paul explains that the RMS are mainly concerned with with academic research and new microscopical techniques based on high cost instrumentation. Links with the APG were not discussed.

6.2 **JF** reported that B/502/6 (aggregate testing) were in process of harmonising EN 17555 Parts 1, 6 and 2. **IS**, Chairman of B/502 explained that a new chairman, Mike Wharton had been appointed and that the APG secretary should contact him. With reference to the limited value of the current European standard (simplified petrography) **IS** suggested that an APG working group might be set up to draft a more appropriate petrographic standard. (i.e. an updated version of the current BS).

6.3 Mike Eden (APG B/517 representative)hasreported that there was no new information available from B/517 (Concrete) concerning the completion of updating standards, and that no progress had been made in developing BS 1881-211 as a European standard.

**7. Chairman’s’ Report**

7.1 No additional information on the Engineering Group activities were available, but the APG was no longer equated with other ‘working Groups’ who are tasked with preparing technical reviews. **AP** noted Richard Fox was the only APG member who is also on the Engineering Group Committee and would therefore need to be replaced by the new chairman. **TJ** explained that the Burlington House building landlord was the Royal Academy of Arts. A consortium of tenants, the Geological Society, the Chemical Society and the Linnaean Society were negotiating with them concerning the proposed rental increases.

**8. Progressing the APG w/c ratio calibration trial**

8.1 There was general agreement by members that the trial should be progressed to a second stage. **HW** suggested as a first step a laboratory should be identified that would prepare a new set of standard samples suitable for developing a new trial. **IS** agreed to contact BRE to explore the possibility of their laboratories preparing the test samples.

8.2 Mike Eden had previouslyagreed to prepare a first draft proposal for this second w/c ratio calibration trial and circulate it for comment, initially to members of the CTS committee (i.e. R. Fox, H. Wong, R. Barnes, M.Eden, B. Wells, J. Ferrari and A. Poole). **AP** agreed with **HW** that the first step was to identify a laboratory prepared to make the test samples before developing a new proposal.

**9. Updating the APG Web Site**

9.1 **AP** reported that the web site had recently been updated, but required updating again. He requested any information from members, on new members, meetings/conferences/events so that the APG web site could be updated.

9.2 To meet **Data Protection requirements,** APG members are requested to review the members contact list (available only to members, on the passworded ‘Members page’ of the APG Web Site). *If they do not wish their name and contact details to be included, please inform* ***AP*** *the APG Secretary.*

**10. Conferences and Meetings**

APG members were reminded of a number of forthcoming conferences and meetings of interest. Further details could be obtained from the relevant web-sites:

* + 16th ICAAR in Lisbon, Portugal, 31st May to 3rd June 2022. (Arrangements are being made for an APG meeting to be held during this Conference)
  + 18th EMABM (Euroseminar on the microscopy applied to building materials), in Lille, France, 15th to 18th May 2022.
  + Concrete Expo EXCEL, London, 3rd to 4th May 2022
  + Geological Society Engineering Geology Conference, Cambridge, UK 26th to 28th March 2023. This meeting is sponsored by RSK as a celebration of the contribution to Engineering Geology and concrete made by Professor Peter Fookes.

**11. Date of the next meeting**

The confirmed date for the next APG 34th London meeting is yet to be arranged, but is likely to be in late **September 2022.**

**12. Technical Presentations**

**BW** and **MY** eachgave technical presentations during the afternoon session. Summaries of these are provided in Annex B of this agenda and will be placed on the APG web site. At the end of the meeting members present were conducted on a tour of the IC laboratory by Dr Yio.

**ACTIONS ARISING**

**ALL MEMBERS OF THE APG**

**The Secretary** would welcome any nominations for Chairman and Secretary of the APG Agenda Item: 5. Also, for a representative to attend the RMS committee, Item: 6.1. Members should contact the Secretary if they wished to have their name deleted from the APG Members List, Item: 9.2

**Mike Eden and CTS committee members** should consider progressing the development of a second stage of the w/c ratio in hardened concrete calibration trial, Item: 8.2.

**SPECIFIC ACTIONS**

**AP** Please note nominations, Item: 5., the Web site update, Item: 9.1, and to contact M Wharton, Item: 6.2

**IS** Please contact **BRE** concerning involvement in preparing trial samples, and working group, Item: 6.2.