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

**APPLIED PETROGRAPHY GROUP, (APG) TWENTY EIGHTH MEETING: SUMMARY**

1. The 28th APG meeting was held on 13/02/18 in London. 20+ members and guests attended.
2. Standard BS 1881- 211, Part 3: *‘Procedure and terminology for the petrographic examination of hardened concrete’* is being progressed toward acceptance as a European standard, but progress was slow due in part to limited European interest. Its progress is being overseen by APG representative, Mr M. Eden as CEN TC104/SCI convenor, assisted by Mr P. Raybould.
3. Mr J. Ferrari and Mr M. Eden are APG representatives on British Standards Institution committees concerned with concrete (Committees: B/517, B517/1, B/517/1/30) and with aggregates (Committees: B/502, B/502/6).
4. The APG secretary remains the APG representative to the Royal Microscopical Society, (RMS) Physical Sciences Section.

 5. The APG web-site ([www.appliedpetrographygroup.com](http://www.appliedpetrographygroup.com)) has been updated and will be updated again shortly. New documents are to be added to the members page and a number of forthcoming conferences of petrographic interest will be added to the ‘Events’ page of the web-site.

6. Results of the analyses reported for the APG w/c ratio calibration trial for hardened concrete are encouragingly close to target values. Currently 13 full sets of 5 test results have been received from 9 laboratories in the UK and across Europe. 10 determinations use fluorescence microscopical methods, and 4 by visual methods. 5 laboratories remain to report results.

7. The members of the Calibration Trial Steering (CTS) Committee hope to present a draft report of this initial trial to members at the September meeting.

8. Two technical presentations and discussions on the theme of the role of the expert witness were given during the afternoon of 13/02/18. These were:

 **1. Dr John Kelly** (SLR, Dublin): Some rules and guidance for expert witness work, with examples from litigation and arbitration.

 **2. Dr Ian Sims** (RSK, Hemel Hempstead): Acting as an expert witness.

 These presentations will be posted on the ‘Members Documents’ page of the APG web-site, together with a paper by J.A. Bickley (1991): The engineer and litigation. *The international law review,* **V8** pt. 3. Kindly supplied to the APG by C. Rogers (Ontario, Canada).

9. The next meeting will be on 20th September 2018 at the Geological Society, London.

 A. B. Poole (APG Secretary,16/02/18)