



Steering Committee Meeting 1 / 2

FIG Working Week Istanbul, Turkey;
Sunday, 6 May 2018, 16:30 – 17:30 (Room YILDIZ 3)
and Friday, 11 May 2018, 09:00 – 10:30 (Room YILDIZ 3)

1. Welcome, Opening Remarks, Roll call

In attendance – Kevin Ahlgren, Nic Donnelly (2nd Meeting), Allison Kealy (2nd Meeting), Leonid A. Lipatnikov, David Martin, Dan Roman, Volker Schwieger, Richard Stanaway, Li Zhang.

Apology – Suelynn Choy, Kevin Kelly.

2. Confirmation of Agenda and any additional items

Allison would like to discuss the diversity and equity, Volker and Dan agree with this idea and this topic is included in the agenda. The agenda is then confirmed.

3. Preparation of Open Meeting

Photos and summary of the technical seminar on reference frame on 4-5 May 2018 will be added to the open meeting slides.

The slides of the 10th Multi-GNSS Asia (MGA) conference and the joint seminar of FIG Commission 5, 6 and 10 at the GEOPREVI 2018 and all the relevant forthcoming events are added to the open meeting slides.

The slides of the working groups are updated in the open meeting slides.

4. Report on ACCO and/or Council Meetings as well as FIG Office News

Almost all the commissions have the chair elects for the period of 2019-2022. Dan Roman is the chair elect of commission 5 and will be commission 5 chair for the period of 2019-2022. The commission 2 and 4 have no chair elect up to now, but FIG council has found candidate as chair elect for commission 2.

5. Feedback, Review and Reflection on Technical Seminar on Reference Frames, 04-05 May 2018

- Jointly organized by FIG, IAG, UN-ICG, HKMO, sponsored by Trimble and Leica
- Attended by 37 people from 22 countries from around the world. Countries represented were Austria, Australia, Congo, Denmark, Finland, France, Germany, Mongolia, Nepal, New Zealand, Nigeria, Papua New Guinea, Russia, Saudi Arabia, Sweden, Uganda, USA and Turkey. The attendees represented a mix of academic, government and commercial institutions.
- Speakers from throughout the Asia-Pacific region as well as Europe and North America
- The main focus was on reference frames in general, kinematics and dynamic datum which reflect geodetic priorities for all regions suffering from natural disasters such as earthquakes.

The program on the first day was a little too long, because half a day was reserved on the second day for the technical tour. The RTKlib demonstration is highly recommended.

Subject to the approval of the presenters, the presentations will be uploaded to the FIG website. Li will contact the FIG office. Muzaffer Kahveci will write the report for this seminar and send it to the UN-ICG, the report will also be published on FIG website.

6. Working Groups

• Publications

Leonid, Suelynn and Li are interested in revising the publication “Cost Effective GNSS Positioning Techniques”

Volker informs that there is some FIG budget to support people from less developed countries to make FIG publications.

7. Feedback, Review and Reflection on Technical Program and other Activities with respect to the Working Week

Commission 5 has many technical sessions (11 sessions of 63 sessions from all 10 commissions) over the whole congress and one joint session with Commission 6. The quality of the presentations is quite good, particularly the session “Future of positioning” which consists only of invited presenters as well as the session “Reference frame”. Most presentations in these two sessions are given by the Commission WG chairs. The experience with the invited presenters from the Commission is quite good, probably we can continue this in the future to improve the quality of technical sessions. The technical sessions are general well-attended, up to about 100 attendees. Only at the last session on Thursday afternoon (16:00-17:30), the attendance was not that good. Possible reasons are that the exhibition is closed at 5 pm on that day. Besides, the booth party of Cape Town is directly next to the door of the Com 5 session room. Volker would therefore like to suggest to the FIG office to close the exhibition after the finalisation of the technical session, and also not to begin any booth party before the end of the last technical session; otherwise it is not fair for the presenters.

Both open meeting of Com 5 and the Commission 4,5,6 Dinner are well attended. There were about 40 people in the open meeting. The Commission chair and the WG chairs introduced the activities of Com 5. Muzaffer Kahveci reported on the successful RFIP seminar. At the end, the participants discussed very well with Com 5. Li will update the contact list of Com 5 with the new collected contacts.

In total, there were about 80 participants at the Commission 4,5,6 dinner and about 50 were guests from Com 5. The atmosphere was good and it is important for the networking and a good tradition to organise the Com 4,5,6 dinner.

8. Plan for the next Period 2019-2022

As incoming chair of Com 5, Dan would like to keep the structure. Kevin Ahlgren will be the Vice-Chair of Administration for the next period. All the WG chairs up to now would like to continue their work in Com 5. Kevin Kelly would like to co-chair with someone else, Dan will look for someone to co-chair the WG 5.3. Suelynn would like to co-chair the WG 5.4 with Ryan Keenan. Li would like to co-chair the WG 5.6.

So the Com 5 for the next period 2019-2022 will be:

Chair: Dan Roman, USA

Vice-Chair of Administration: Kevin Ahlgren, USA

WG 5.1: Standards, Quality Assurance and Calibration (David Martin, France)

WG 5.2: 3D Reference Frames (Nic Donnelly, New Zealand)

WG 5.3: Vertical Reference Frames (Kevin Kelly, USA / ?)

WG 5.4: GNSS (Suelynn Choy, Australia / Ryan Keenan, Australia)

WG 5.5: Multi-Sensor-Systems (Allison Kealy, Australia / Guenther Retscher, Austria / Joint with IAG / Com. 6)

WG 5.6: Cost Effective Positioning (Leonid A. Lipatnikov, Russia / Li Zhang, Germany)

9. FIG Liaisons update

- Joint technical RFIP seminar with UN-ICG, UN-GGIM and IAG
- Cooperation with Com 6 and 10 by joint seminar at GEOPREVI, 29-30 October 2018, Bucharest, Romania
- Cooperation with Com 6 by joint technical session, e.g. Laser Scanning
- Cooperation with IAG by WG 5.4 and WG 5.6
- Cooperation with ISPRS by WG 5.6
- Cooperation with FIG Standards Network and ISO by WG 5.1 and WG 5.2

10. Diversity and Equity

Allison would like to raise the issue of diversity and equity under Commission 5. She thinks that all commissions should have this as an activity, but particularly in our case as a strongly technical committee it would be good to put forward a commission level strategy for this.

Com 5 now has three women in the team, it means 30% of the members are women; this quota is quite good for a technical committee. Four of the members are under 35 (40%) which is also quite a good number. The members come from over 4 continents. Therefore, Com 5 is already very good regarding its diversity and equity. Volker said that one big problem is to keep the young people coming to the FIG events since they are normally at the beginning of their career and it is difficult for them to find funding for their travel to FIG events.

Allison will build up a study group for diversity and equity within Com 5. Kevin Ahlgren will talk to the upcoming chair of YSN and discuss with her how to connect the YSN to the Com 5. He plans to go to one FIG young survey event and make the connection to YSN.

11. Future FIG symposiums and activities

- REFAG (IAG Commission 1) with COSPAR 2018, 14-22 July, Pasadena, California, USA
- MCG (Machine Control & Guidance), 01-02 October 2018, Berlin, Germany
- IWAA (International Workshop on Accelerator Alignment), 08-12 October 2018, Chicago, USA
- Intergeo, 16-18 October 2018, Frankfurt, Germany
- **Multi-GNSS-Asia, 23-25 October 2018, Melbourne, Australia**
- **GEOPREVI, Joint Seminar of FIG Commission 5, 6 and 10, 29-30 October 2018, Bucharest, Romania**
- FIG Working Week 2019, 22-26 April 2019, Hanoi, Vietnam
- IUGG General Assembly, 8-18 July 2019, Montreal, Canada
- FIG Working Week, 10-14 May 2020, Amsterdam, the Netherlands

12. Next Steering Committee meeting

FIG Working Week 2019, 22-26 April 2019, Hanoi, Vietnam