



Report on the Business Meetings of

Commission K

during the

XXXth URSI General Assembly and Scientific Symposium

Istanbul, Turkey, August 13-20, 2011

Monday, 15 Aug 17:20 to 18:40

Wed 17 Aug 17:20 to 18:20

Fri 19 Aug 17:20 to 19:00

Chair: Guglielmo d'Inzeo

Vice-Chair: Masao Taki

1. White Paper on Wireless Communication and Health

Commission K has been preparing for a white paper on “Wireless communication and health”. Authors of each chapter have been identified and a draft was supposed to be collected in 2008. The procedure has been delayed, however, due to the delay in the risk assessment in the International EMF Project. A comment has been sent by the coordinator of writing the White Paper that it has become more and more difficult to publish the White Paper due to the confused situation regarding the risk evaluation of radiofrequency electromagnetic fields. Political pressures from several sides have made the confused situation worse. With this background the treatment of the issue of White Paper was discussed at the Business meetings in Istanbul.

There was discussion both for and against cancelling the project but finally Commission K

decided as follows.

We continue editing the White Paper but propose a “new” White Paper: “EMF and Health”. A set of articles on the state of knowledge in research will be prepared even looking forward future tendency and possibilities. Then those articles will be published on Radio Science Bulletin during next two years. The White Paper will be the compilation of those articles with a collective preface.

To reach the scope a web platform will be rigged in Commission K to share documents, ideas and comments. A group of persons will be identified to manage the selection of authors and promotion of activities with Chair, Vice-chair, Past-chair and RSB editor.

2. Commission K 2008 – 2011 Triennium Report

The Chair reviewed the activity in the triennium of 2008 – 2011. The overview is as follows.

- a) Publishing articles in the Radio Science Bulletin,
- b) Sponsoring and funding scientific meetings,
- c) Organizing and funding a major international symposium (Bordeaux, April 2010),
- d) Preparing a white paper on Wireless Communication and Health, pending the recent evaluation of the IARC (WHO - International Agency Research on Cancer) of RF and MW fields carcinogenicity,
- e) Running two business meetings in June 2009 at BioEM2009 in Davos (CH) and June 2010 at the annual Bioelectromagnetics Society Meeting in Seul (South Korea),
- f) Developing a draft of commission strategic directions.
- g) Preparing for the General Assembly and Scientific Symposium of Istanbul, Turkey, with 8 oral sessions and two poster sessions, 2 joint sessions lead by Commission K with Commissions A and E and B and E respectively, 1 joint session lead by Commission K with commission B, for a total of 81 oral presentations and 23 poster presentations.

Details of the activities during the triennium 2008 – 2011 were described in this report (Topics 3, 4, 5, 6),

3. Contributions to Radio Science Bulletin

It was reported that Commission K contributed two papers of invited papers and six articles on radiofrequency radiation safety and health to RSB.

4. Sponsorship of Scientific Meetings

It was reported that Commission K supported 12 scientific meetings during the triennium and approved.

5. Mid-Triennium Symposium April 2010, Bordeaux, France

Commission K held mid-term scientific meeting in Bordeaux on 26 – 29 May 2010. It was organized in cooperation with the EBEA (European Bio-Electromagnetics Association) and COST BM704.

6. Student Support at URSI

Student support by Commission K during the last triennium was reported and approved.

7. Preparing GASS14

Candidates of the venue for GASS 2014, Montreal in Canada, Beijing in China, and Tokyo in Japan were announced and explained according to their proposal documents. Preference of Commission K for the venue was discussed. Commission K decided to vote for Tokyo, Japan for the first place and Montreal, Canada for the second place.

8. Election of Commission K Vice-Chair Election

Three candidates had been nominated.

Prof. Gianluca Lazzi (USA)

Dr. Joe Wiart (France)

Prof. Jeong-Ki Pack (South Korea)

Voting was made from 17 countries. Dr. Joe Wiart was elected as the Vice-chair for the triennium 2011 – 2014.

9. Review and Update of Commission Terms of Reference

The terms of reference of Commission K were reviewed and confirmed to keep them as they are.

10. Commission K RSB Associate Editor for the next Triennium

Dr. Erdem Topsakal (USA) was appointed as the Commission K RSB Associate Editor for the next triennium. He is the Chair-elected of US National Commission K. It was noted that he should contact Prof. Gianluca Lazzi, who was initially supposed to be asked if he could serve for this task.

11. Other issues

Following action items were decided during the business meetings.

- To create collaborative tool on the web (e.g. Google+) dedicated for the national representative of Commission K and people acting for working groups.
- To create “2-page electronic liaison document” to link between national representatives.
- To have a common meeting with existing conference to have scientific mid-term meeting.