



Commission A - Business Meeting

**Minutes of Commission A Business Meeting
URSI AP-RASC 2016
Grand Hilton Seoul, Seoul, Korea
August 23, 2016 18:00-19:00**

1 Participants (alphabetical order)

- Y. Koyama
- A. SenGupta
- E. Van Lil
- S. Weiss

2 Agenda

- Feedback from Informal Council Meeting and Coordinating Committee Meeting (Aug. 21)
- Three URSI Flagship Meetings
- GASS (2017)
- Radio Science Bulletin
- Technical Advisory Committee
- Working Group on Education and Training in Electromagnetic Metrology

3 Notes from the meeting

Number of participants was very small and no active discussions were made at the business meeting. Y. Koyama, current chair of the Commission A, mainly reported about various activities and plans related with the Commission A by using the material and some Q&A were made. It was promised that the report material will be distributed to the official members of Commission A from member countries/regions by using the URSI mailing list.

Business Meeting URSI Commission A

Tuesday, 23 August 2016

Chair: Yasuhiro Koyama

Vice Chair : Patrizia Tavella

Early Career Representative : Pedro Cruz

Agenda

1. Feedback from Informal Council Meeting and Coordinating Committee Meeting (Aug. 21)
2. Three URSI Flagship Meetings
3. GASS (2017)
4. Radio Science Bulletin
5. Technical Advisory Committee
6. Working Group on Education and Training in Electromagnetic Metrology

Feedback from Informal Council Meeting and Coordinating Committee Meeting (Aug. 21)

- Individual Membership
 - Regular Members (PhD and PhD students) and Associated Members
 - MOU with IEEE (Benefit for both members)
- New Website
 - To be available soon
- Commission Budget
 - 12,000 Euros for this triennium (2014-2017)
 - Considering to add variable amount of budget proportional to the number of submitted papers (GASS, AT-RASC, AP-RASC)
- Technical Advisory Committee for Each Commission
- Encouragement of national/regional meetings
 - URSI supports national/regional meetings by providing its budget for young scientist program

Three URSI Flagship Meetings

- AT-RASC (Atlantic Radio Science Conference)
 - 1st AT-RASC : 18-25 May 2015 in Gran Canaria
 - 2nd AT-RASC : in 2018 at same place
- AP-RASC (Asia-Pacific Radio Sci. Conf.)
 - This conference (Seoul, 2016)
 - Next venue to be determined on Wednesday
 - ➔ next venue will be in New Delhi, India
- GASS (General Assembly and Scientific Symposium)
 - Palais des Congrès, Montréal, Canada
 - 19-26 August 2017

GASS2017

Regular Sessions (1/2)

1. Measurements of Isotropic and Anisotropic Magnetodielectrics (Conveners : Steven Weiss, Amir Zaghoul)
2. Linear and Nonlinear Measurements for Communications Systems (Conveners : Pedro Miguel Cruz, Nuno Borges Carvalho)
3. Space Metrology (Conveners : Liu Min, Pedro Miguel Cruz)
4. SI Units (Conveners : Felicitas Arias, TBD)
5. Metrology in the THz Region (Conveners : Chen Kunfeng, Masatoshi Kajita)
6. Time Scale (Conveners : Felicitas Arias, Masatoshi Kajita)
7. Advanced Time and Frequency Transfer Techniques (Conveners : Felicitas Arias, Demetrios Matsakis)

GASS2017

Regular Sessions (2/2)

8. Education and Training in Electromagnetic Metrology (Conveners : Demetrios Matsakis, Patrizia Tavella)
9. Advances in Sensor Development and Applications (Conveners : C. Zerrouki , Andon Lazarov)
10. Metrological Analysis of Material Properties (Conveners : Noshervan Shoaib, Imran Shoaib)
11. Metrology for Wireless Power Transmission Solutions (Conveners : Nuno Borges Carvalho, Ke Wu)
12. Microwave Frequency Standards and Applications (Conveners : Amitava Sen Gupta, Fang Fang)
13. Time Dissemination for Critical Applications (Conveners : Marina Gertsvolf, Leon Lobo)
14. Open Session (Conveners : Yasuhiro Koyama, Patrizia Tavella)

GASS2017

Joint Sessions

- DA1 : Optical Frequency Metrology (Conveners: Ekkehard Peik, Kazumoto Hosaka)
- DA2 : Optical Methods for Microwave Metrology (Conveners : Mark Bieler, Yang Chuntao)
- AE1 : Mode-Stirred Chambers (Conveners : Luk R. Arnaut, Tian Hong Loh)

Tutorial Lecture

- Distributing Time and Frequency Data: Requirements and Methods, by Dr. Judah Levine (NIST)

Note

- Commission Budget will be available to encourage participation
- Election : Vice Chair and Early Career Representative

Radio Science Bulletin

- Editors for Commission A
 - VC and ECR – P. Tavella and P. Cruz
 - Past Chair – Banerjee, India
 - Member – Luk Arnaut, UK
- Each commission is asked to provide two review papers every year.
- After the MOU with IEEE is concluded, all papers in RSB will be indexed in IEEE Xplore Digital Library.

Technical Advisory Committee

1. Andon Lazarov (Bulgaria)
2. Yang Chuntao (China)
3. Chen Kunfeng (China)
4. Liu Min (China)
5. Liu Xinmeng (China)
6. Li Yalu (China)
7. Felicitas Arias(France)
8. Frédérique de Fornel (France)
9. Amitava Sen Gupta (India)
10. Jacob Halevy-Politch (Israel)
11. Patrizia Tavella (Italy)
12. Yasuhiro Koyama (Japan)
13. Emmanuel Van Lil (Belgium)
14. Ryszard J. Katulski (Poland)
15. Nuno Borges Carvalho (Portugal)
16. Pedro Cruz (Portugal)
17. Noshewan Shoaib (UAE)
18. Tian Hong Loh (UK)
19. William A. Davis (USA)
20. Demetrios Matsakis (USA)
21. Steven Weiss (USA)

Working Group on Education and Training in Electromagnetic Metrology

Chair : Demetrios Matsakis (USA)

Members : Chuck Bunting (USA), Patrizia Tavella (Italy),
Yasuhiro Koyama (Japan), William A. Davis (USA)

Tasks :

- To promote the education of both students and actively working professionals by collecting information about available training resources on the techniques and fundamental principles involved in the work of Commission A.
- To promote education in metrology by disseminating the information gathered and making it available on a public web page.

Seeking volunteers!! Please contact koyama@nict.go.jp.