



Stimulating and co-ordinating, on an international basis, studies, research, applications, scientific exchange, and communication in the fields of radio science

URSI Newsletter – March 2012  
Volume 2, n°1

## Feedback from the XXXth URSI General Assembly and Scientific Symposium

The XXXth General Assembly and Scientific Symposium in Istanbul, Turkey was a great success... both from a scientific point of view as well as from social and organisational points of view. The programme combined plenary lectures, public lectures, tutorials, posters, invited and contributed papers organized around the 10 Commissions of URSI. In total, over 1200 participants from all of over the world attended the event and made it a real assembly of the URSI community. In this newsletter, we briefly list some highlights.



URSI has a clear intention to support Young Scientists through its YS Programme and through supporting and organising Student Paper Competitions. In total, 238 applied for a Young Scientist award, of which about 100 were granted.

Out of the 1319 total submissions, 102 submitted their paper for the URSI Student Paper Competition. 10 finalists were awarded prizes, and received their prize on the occasion of the Conference Banquet (picture at right).



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## Impressions from Istanbul



Opening Ceremony: Prof. Hamit Serbest, Chair of the Local organizing Committee during his welcome address (top) and from left to right: Prof. Uri Shamir (ICSU), Prof. Paul Lagasse (URSI Secretary General), Prof. Francois Lefeuve (URSI President), Prof. Mithat Idemen (Yeditepe University) , Prof. Orhan Altan (ISPRS)



The Issac Koga Gold Medal was presented to Prof. Andrea Alu (I) by Prof. K. Kobayashi



The Booker Gold Medal was presented to Prof. Ingrid C. Daubechies (I) by Prof. Y. Rahmat-Samii



Informal gathering and networking at the “Welcome Reception” held at the Harbiye Cultural Center & Military Museum, Istanbul



The marvellous pool-side setting for the “URSI Gala Dinner” held at the Hilton Istanbul Hotel

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## Message to the URSI Community and Member Committees

### URSI Conferences and Events

#### ICEAA – IEEE APWC - Electromagnetic Environment and Interference Symposium



The first Electromagnetic Environment and Interference Symposium (EEIS 2012) is organized by Commission E of the International Union of Radio Science (URSI) in coordination with the ICEAA and IEEE APWC Conferences. The three conferences will be held concurrently at the Cape Sun Hotel in Cape Town, South Africa from Sunday, September 2, through Friday, September 7, 2012. The three conferences share a common organization, registration fee, submission site, welcoming reception, coffee and lunch breaks, banquet, and social program. Detailed information can be found on the conferences' Web site: [www.iceaa-offshore.org](http://www.iceaa-offshore.org). EEIS 2012 will consist of invited and contributed papers, workshops and short courses, and business sessions.

#### AP-RASC 2013

The AP-RASC is the Asia-Pacific regional URSI conference held between the URSI General Assemblies and Scientific Symposia. The objective of the AP-RASC is to review current research trends, present new discoveries, and make plans for future research and



special projects in all areas of radio science, especially where international cooperation is desirable. A particular emphasis is placed on promoting various research activities in the Asia-Pacific area.

Scientific sessions composed of oral and poster papers will be organized at this conference in order to cover all scientific activities by all URSI Commissions.

#### 2013 URSI Commission B – International Symposium on Electromagnetic Theory

The 2013 International Symposium on Electromagnetic Theory (EMTS 2013) is organized by Commission B (Fields and Waves) of the International Union of Radio Science (URSI) and by the Electronics Society of The Institute of Electronics, Information and Communication Engineers (IEICE). It will be held May 20-23, 2013, in Hiroshima, Japan. Its scope covers all areas of electromagnetic theory and its applications. The working language of the Symposium is English: see [www.ursi-emts2013.org](http://www.ursi-emts2013.org) for information.



#### Electromagnetic Metrology Symposium

This first Electromagnetic Metrology Symposium (EMS 2013) is organized by Commission A of the International Union of Radio Science (URSI) in coordination with the ICEAA and IEEE APWC Conferences. The three conferences will be held concurrently at the Torino Incontra Conference Center in Torino, Italy, from Monday, September 9, through Friday, September 13, 2013. The three conferences share a common organization, registration fee, submission site, welcoming reception, coffee and lunch breaks, banquet, and social program. Detailed information is found on the conferences' Web site: <http://www.iceaa.net/>.

EMS 2013 will consist of invited and contributed papers, workshops and short courses, and business sessions.



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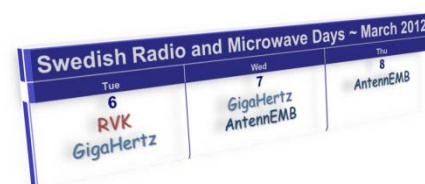
## Information from URSI Member Committees

### Swedish Radio and Microwave Days - Stockholm, March 2012.

One of the main tasks of SNRV (Svenska Nationalkommittén för RadioVetenskap, the Swedish URSI committee) is to promote scientific radio research in Sweden. Since 1949, a means for this purpose has been the RVK (RadioVetenskap och Kommunikation, a multidisciplinary radio science conference), an excellent contact opportunity for interdisciplinary networking.

Over the years and in addition to RVK, some more specialized events have taken place, such as Antenna, GHz and EMB. Interest in these has always been great. However, they do not cover all SNRV areas, viz. measurement techniques, electromagnetic fields and waves, radio communication and signal processing, electronics and photonics, electromagnetic compatibility (EMC), wave propagation, remote sensing, space applications including radio astronomy as well as electromagnetics in biology and medicine.

The time has come to combine all these conferences into the Swedish Radio and Microwave Days that will comprise overlapping RVK, GigaHertz and a merged AntennEMB. The time has also come to use English as the conference language. ([http://www.radiovetenskap.kva.se/snrsv\\_files/RVK\\_12/RVK\\_12.html](http://www.radiovetenskap.kva.se/snrsv_files/RVK_12/RVK_12.html))



### France – Champs électromagnétiques: de la dosimétrie à la santé humaine, 3 - 4 avril 2012, Paris

Les Journées Scientifiques 2012 d'URSI-France, placées sous le haut patronage de l'Académie des sciences, auront pour thème « Champs électromagnétiques: de la dosimétrie à la santé humaine ». Organisées cette année en partenariat avec la section « Rayonnements non ionisants » de la Société française de radioprotection (SFRP), ces journées se tiendront au Conservatoire national des arts et métiers (Cnam) à Paris les 3 et 4 avril 2012.

(<http://ursi-france.institut-telecom.fr/index.php?id=13>)

### Egypt - National Radio Science Conference (NRSC2012), Cairo Egypt, 10 to 12 April 2012

The 29th National Radio Science Conference (NRSC 2012) will be held on April 10-12, 2012, at the Faculty of Engineering, conference is Research and Radio Science program will topics and



papers must describe original work and lie in the scope of one of URSI Commissions A-K.

(<http://eece.cu.edu.eg/content/nrsc2012>)

## Papers & Publications of URSI colleagues

If you have published a paper that might be of interest to the rest of the URSI Community, let us know, and we will list the links.

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## URSI Board & Commission Chairs

At the XXXth URSI General Assembly and Scientific Symposium, the URSI Council also elected a new Board of Officers:



**President**  
Dr. Phil Wilkinson  
(Australia)



**Past President**  
Prof. François Lefeuvre  
(France)



**Secretary-General**  
Prof. Paul Lagasse  
(Belgium)



**Vice-President**  
Prof. Subra  
Ananthakrishnan  
(India)



**Vice-President**  
Prof. Makoto Ando  
(Japan)



**Vice-President**  
Prof. Paul Cannon  
(U.K.)



**Vice-President**  
Prof. George Uslenghi  
(U.S.A.)

Council also confirmed the elections of the new Commission Chairs and Vice-Chairs:

Commission A Chair: Dr. William A. Davis (USA)  
 Commission B Chair: Prof. Giuliano Manara (Italy)  
 Commission C Chair: Prof. Marco Luise (Italy)  
 Commission D Chair: Mr. Smail Tedjini (France)  
 Commission E Chair: Prof. A.P.J. Van Deursen (Netherlands)  
 Commission F Chair: Dr. Roger H. Lang (USA)  
 Commission G Chair: Prof. John D. Mathews (USA)  
 Commission H Chair: Prof. Ondrej Santolik (Czech Republic)  
 Commission J Chair: Prof. Justin Jonas (South Africa)  
 Commission K Chair: Prof. Masao Taki (Japan)

Vice-Chair: Prof. Yasuhiro Koyama (Japan)  
 Vice-Chair: Prof. Ari Sihvola (Finland)  
 Vice-Chair: Prof. Sana Salous (United Kingdom)  
 Vice-Chair: Prof. Günter Steinmeyer (Germany)  
 Vice-Chair: Dr. David Giri (USA)  
 Vice-Chair: Dr. Simonetta Paloscia (Italy)  
 Vice-Chair: Prof. Iwona Stanislawski (Poland)  
 Vice-Chair: Prof. Meers M. Oppenheim (USA)  
 Vice-Chair: Prof. Willem Baan (the Netherlands)  
 Vice-Chair: Prof. Joe Wiart (France)