

Commission K (Electromagnetics in Biology & Medicine) Activity Report

December 18th, 2015 by Koichi Ito

1 Activity

1.1 2nd meeting of Japanese URSI-Commission K for the 23rd term of the Science Council of Japan

- ◆ Date: July 31, 2015
- ◆ Place: Akihabara satellite campus of Tokyo Metropolitan University, Tokyo
- ◆ Topics:
 - Operation plan of Japanese Society for Electromagnetics in Biology and Medicine
 - Technically cooperation with 8th 2015 Korea-Japan Joint Conference on EMT/EMC/BE (KJJC-2015), The Institute of Electronics, Information, and Communications Engineers (IEICE), November 23-24, 2015
 - Technically cooperation with Technical committee on Photonics-applied Electromagnetic Measurement (PEM), The Institute of Electronics, Information, and Communications Engineers (IEICE), November 27-28, 2015
 - The 8th symposium of Japanese Society for Electromagnetics in Biology and Medicine, January, 2016
 - Special lecture: “Heinrich Rudolph Hertz –Life, discover of electromagnetic wave and memory-” by Dr. Tsukasa Shigemitsu (the former chairperson of Japanese URSI-Commission K for the 21st term)
 - Invited lecture: “Quantification of intracardiac excitation process using magnetocardiography and its clinical application”, Dr. Masaru Sugimachi (National Cerebral and Cardiovascular Center)

2 Associated meetings

2.1 Past meetings

- 1) 37th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, Milan, Italy, August 25-29, 2015, <<http://embc.embs.org/2015/>>
- 2) URSI-JRSM 2015, Tokyo, Japan, September 3-4, 2015, <<http://www.ursi.jp/jrsm2015.html>>
- 3) (Domestic) The 32nd Annual Meeting of Japanese Society for Thermal Medicine, Osaka, Japan, September 4-5, 2015, <<http://rinsho-kenkyu.net/jstm32/>>
- 4) IEEE MTT-S IMWS-Bio 2015 (International Microwave Workshop Series on RF and Wireless Technologies for Biomedical and Healthcare Applications), Taipei, Taiwan, September 21-23, 2015, <<http://www.imws2015.org>>
- 5) Eighth 2015 Korea-Japan Joint Conference on EMT/EMC/BE (KJJC-2015), November 23-24, 2015, <<http://www.ieice.org/cs/emcj/kjic2015/>>
- 6) First PEM International Workshop in Kyoto, Kyoto, November 27-28, 2015, <http://www.ieice.org/~pem/link/2_6thTechnicalMeeting/index.html>

2.2 Future meetings

- 1) ICHO2016 (International Congress of Hyperthermic Oncology), New Orleans, USA, April 11-15, 2016
- 2) BioEM2016, Gent, Belgium, June 5-10, 2016
- 3) ICNIRP 8th International NIR Workshop, South Africa, June 27-28, 2016, <<http://www.icnirp.de/upcoming.htm>>
- 4) AP-RASC2016, Seoul, Korea, August 21-25, 2016, <<http://aprasc2016.org/>>