

XIV IEEE-SPIE Symposium on Photonics and Web Engineering WILGA 26-30 May 2004

The XIVth Symposium on Photonics and Web Engineering will take place in WILGA Village near Warsaw, a resort center owned by Warsaw University of Technology, on 26-30 May 2004. The Symposium takes place two times a year, since seven years, alternatively in Wilga in May and in the Faculty of Electronics and Information Technology of WUT in January. The WILGA Symposium gathers around 200 specialists every year. The participants come from academia and research institutes – domestic and international, as well as from industry, business and government institutions.

The Symposium is organized by:

- IEEE Poland Section – Student Branch and SPIE Poland Chapter,
- PERG and ELHEP Laboratories - Institute of Electronic Systems, WUT,

The Symposium is organized under the auspices of:

- IEEE Poland Section and SPIE Poland Chapter,
- Institute of Electronic Systems, Warsaw University of Technology,
- Committee of Electronics and Telecommunications, Polish Academy of Sciences,
- Polish Optoelectronics Committee, Association of Polish Electrical Engineers,
- Inter-Association Committee of Informatics, Electronics and Telecommunications, SEPSIMP.

The Symposium Patronage Committee consists of persons leading the above-mentioned institutions.

The Symposium possesses each year a slightly different scope. The major topical emphasis in 2004 is work development on the biggest planned physics experiments like LHC/CMS in CERN Geneva, HERA upgrade in DESY Hamburg and TESLA free electron laser. The broad area of the Symposium are advanced photonic and electronic systems in hardware and software aspects.

The Symposium has the following topical Sessions:

- Optical Fiber Technology - multi-gigabit transmission systems and distributed multi-sensor hybrid telemetric networks; basics of optical networks; Optical Internet;
- Optoelectronics – materials, technologies and components; Lighting technology;
- Digital holography; Measurements and recognition of 3D objects;
- Interferometry, Laser Technology, Semiconductor Optoelectronics;
- Advanced measurement systems for biomedicine and environment protection;
- Measurement and functional systems for high energy physics experiments and astronomy;
- Software and new functionalities of optical networks and the Internet;
- Global calculation networks – GRID;
- Organization of other topical sessions is not excluded, and depends on input from their organizers as well as on number and quality of submitted papers.

The Organizers of topical sessions are renowned domestic and international experts in relevant branches of science and technology. Particular topical sessions are filled with papers invited by Session Organizers and by presentations submitted by young researchers, M.Sc. and Ph.D. students. Supervisors or tutors of young researchers should recommend the submitted papers.

The main aim of the Symposium is to build a nation wide and international debating forum for young researchers and Ph.D. students with strong participation of experts and young research fellows from abroad. Membership of young scientists in IEEE (students and GOLD members) and SPIE will be emphasized during a special Society Evening and IEEE B-B-Q Reception.

The Symposium publications are subject to a standardized peer reviewing process, as in archival journals, and are printed in renowned series Proceedings of SPIE (www.spie.org and www.spie.pl) in English language. Some papers are also published in Elektronika Monthly, a journal of Association of Polish Electrical Engineers. Elektronika is a medial patron of the Symposium. The official language of the Symposium is English. The presentations are allowed also in Polish, Russian and German.

The Symposium Internet information site is: <http://nms.ise.pw.edu.pl/wilga>

The Symposium Organizers invite experts in relevant subject, embracing the widely understood Symposium scope, to declare organization of specialist sessions.

The Symposium Organizers invite warmly students (Eng., M.Sc., Ph.D.), young researchers from academia, research institutions, innovative spin-offs, business, government and industry to submit papers and participate in WILGA meeting. WILGA is an unforgettable and irreplaceable experience for young people.

All information about the Symposium, organization problems, session proposal, paper submission, participation questions are available only through electronic way under the address: photonics@ise.pw.edu.pl; R.Romaniuk@spie.pl, R.Romaniuk@ieee.org;

The Symposium participation costs are just minimal. There is no fee. The only costs are accommodation in WILGA WUT Resort Centre. These costs are estimated for 2004 to be 50 Polish Złoty per day, for night and three meals a day. That is around 14Euro The participants book the rooms in WILGA of their own, under the telephone number 0-prefix-25-685-30-17 (45,47). The information about the WILGA WUT Resort Centre is available on the web: <http://www.info1.pl/Noclegi/osrodki/mazowieckie/wilga/start.htm>