



4th Microwave and Radar Week

MRW-2010

in **LITHUANIA**

14-18 June, 2010

CONFERENCE PROGRAM

Organized by:

**Geozondas Ltd.
Semiconductor Research Institute
Warsaw University of Technology
Vilnius Gediminas Technical University**

Under auspices of :

**Lithuanian Academy of Science
Polish Academy of Science
IEEE MTT, AES, AP, ED Societies
Lithuanian Section of IEEE
Poland Section of IEEE
European Microwave Association
European GAAS Association
Information Technology Society
German Society of Electric Engineering**

Co-sponsored by:

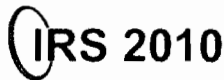
**Ministry of Economy of the Republic of Lithuania
Research Council of Lithuania
Ansoft Corporation**

4th Microwave and Radar Week MRW-2010

Now in Baltic Region, 14-18 June 2010, Vilnius, Lithuania



**18 International Conference on Microwaves, Radar, and
Wireless Communications MIKON-2010, June 14-16, 2010**



**11th International Radar Symposium IRS
2010 June 16-18, 2010**

IRS TUTORIALS 15 June, 2010

**Signal processing Workshop SPW-2010
15 June, 2010**

MIKON-2010

18 International Conference on Microwaves, Radar, and Wireless Communications MIKON-2010

14 - 16 June, 2010

Organized by:



Semiconductor
Physics Institute



Polish Academy of Sciences



Lithuanian Academy of
Sciences



Warsaw University
of Technology



Telecommunications
Research Institute



Vilnius Gediminas
Technical University



Vilnius University

Technical co-sponsorship by:

IEEE Region 8, IEEE MTT-S, IEEE Electron Devices Society, AP-S, AESS Societies, IEEE Poland Section, IEEE Lithuanian Section, European Microwave Association, Information Technology Society and the German Society of Electrical Engineering, European GAAS Association, Technical University Hamburg-Harburg



Signal Processing Workshop SPW - 2010

15 June, 2010

Organized by:



Semiconductor
Physics Institute



Polish Academy of Sciences



Lithuanian Academy of
Sciences



Warsaw University
of Technology



Telecommunications
Research Institute



Vilnius Gediminas
Technical University



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Technical co-sponsorship by:

IEEE Region 8, IEEE Poland Section, IEEE Lithuanian Section, SPIE,
CBK PAN, SEP.



SPIE



SPW - 2010 Program

| Tuesday, June 15 (Lambda 1) | |
|--------------------------------|--|
| 8:40-10:00 | SPW. 1 |
| 10:00-10:30 | Coffee Break |
| 10:00-14:00 | Start of poster sessions P3, P4 (Hall) |
| 10:30-12:20 | SPW. 2 |
| 12:20-14:00 | Lunch |
| 14:00-15:50 | SPW. 3 Start of SPW poster session |
| 14:00-18:00 | SPW poster session |
| 18:00-18:20 | Coffee Break |
| 18:20-18:00 | SPW. 4 Workshop Closing Remarks |

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| | | |
|----------------|---|---|
| SPW 2-5 | Simulation of Electroencephalographic Signals | O.Panichev, A.Popov, M. Zhukov National Technical University of Ukraine "Kyiv Polytechnic Institute" Kyiv, Ukraine |
| SPW 2-6 | Estimation of Epileptiform Complexes Detection Quality | M.Zhukov, A.Popov, O.Panichev National Technical University of Ukraine "Kyiv Polytechnic Institute", Kyiv, Ukraine |

Tuesday 14:00-15:50

SESSION SPW-3 VOICE PROCESSING AND RECOGNITION

| | | |
|---------------------|--|---|
| | | Rustem Sinityn National Aviation University Kiev Gintautas Daunys Siauliai University |
| Co-chairmen: | | |
| SPW 3-1 | Integrating Hidden Markov Model and PRAAT: a Toolbox for Robust Automatic Transcription | A.Kabir, M.Giurgiu Technical University of Cluj-Napoca, Cluj-Napoca, Romania J.Barker The University of Sheffield, Sheffield, United Kingdom |
| SPW 3-2 | Development of the Hidden Markov Models Based Lithuanian Speech Recognition System | Z. Ringelien, A. Lipelka Institute of Mathematics and Informatics Vilnius, Lithuania |
| SPW 3-3 | Copula Filtration of Spoken Language Signalson the Background of Acoustic Noise | L.Kolchenko, R.Sinitin National Aviation University, Kiev, Ukraine |
| SPW 3-4 | Stap Approach for DOA Esti Mation Using Microphone Arrays | H.Kabakchiev Sofia University Sofia, Bulgaria V.Behar Institute for Parallel Processing (IPP) Bulgarian Academy of Sciences (BAS), Sofia, Bulgaria V.Kyovtorov Institute of Information Technologies Sofia, Bulgaria |
| SPW 3-5 | A New Class of Fully Active Reconfigurable Filters for Cognitive Communications. | Y.Lakys, A.Fabre IMS Lab. - ENSEIRB, Talence, France B.Godara Institut Supérieur d'Electronique de Paris, Paris, France |

Tuesday 16:20-18:00

SESSION SPW-3 SPACE AND DSP PLATFORMS

| | | |
|---------------------|---|---|
| | | Marek Banaszekiewicz Polish Academy of Science Romualdas Navickas Vilnius Gediminas Technical University |
| Co-chairmen: | | |
| SPW 4-1 | BRITE-PL – the first Polish scientific satellite | P.Orleanski, R.Graczyk, M.Rataj, T.Zawistowski Space Research Centre of Polish Academy of Sciences, Warsaw, Poland A.Schwarzenberg-Czermy Nicolaus Copernicus Astronomical Center of Polish Academy of Sciences, Warsaw, Poland R.E.Zee Space Flight Laboratory, University of Toronto Institute for Aerospace Studies, Toronto, Ontario, Canada |

false alarm