

AGENDA OF THE 15TH WORKSHOP ON ACOUSTOELECTRONICS

Szczyrk, 25-28 February 2019

25.02.2019 Monday	
13:00	<i>Lunch</i>
14:30-14:35	OPENING CEREMONY of conferences: 48th WSW&QA 47th WSEA&V 14th IOS'2019
14:35-15:30	Jubilee of Professor Wiesław Woliński
15:30-18:30	SESSION DEDICATED TO PROFESSOR WIESŁAW WOLIŃSKI ON THE OCCASION OF HIS JUBILEE
15:30-16:00	<i>Invited lecture</i> Graphene in Infrared and Terahertz Detector Family A. ROGALSKI
16:00-16:30	<i>Invited lecture</i> Examination of the Bottom of the Gdansk Bay by Means of Acoustic Methods E. KOZACZKA, G. GRELOWSKA
16:30-17:00	<i>Coffee break</i>

17:00-17:20	<i>Invited lecture</i> Synthesis and Propagation of Structured Light Beams in Nematic Liquid Crystals M. KARPIERZ
17:20-17:40	<i>Invited lecture</i> The Problems of the Direction Finding by Air Vehicles of the Radars Working with Rotating Antenna A.RUTKOWSKI, A.KAWALEC
17:40-18:00	<i>Invited lecture</i> Near-Infrared Emission in Fluoroindate Glasses Co-Doped With Rare Earth D. DOROSZ
19:00-20:00	<i>Supper</i>
20:00	MUSIC GLANCE – moment with a string quartet

26.02.2019 Tuesday	
8:00	<i>Breakfast</i>
13:00	<i>Lunch</i>
15:00-15:30	An Acoustic and Doppler Radar Localization of Shooting Objects A. KAWALEC, E. DANICKI, A. RUTKOWSKI
15:30-16:00	Effect of Dynamic Beam Deflection and Focus Shift on Acoustic Field Distribution Inside Ultrasound Tomography Ring Array W. STASZEWSKI, T. GUDRA, K. OPIELIŃSKI
16:00-16:30	Analysis of the Properties of Acoustic Emission Signals Generated in Oil Power Transformers F. WITOS, A. OLSZEWSKA, G. SZERSZEŃ, Z. OPILSKI, A. LISOWSKA-LIS
16:30-17:00	<i>Coffee break</i>
17:00-17:30	Analysis of Using Multi-Angle Ultrasound Scanning For Efficient 3D Object Imaging M. SABINIOK, K. J. OPIELIŃSKI, S. LIS
17:30-18:00	Choosing Cheap MEMS Accelerometers For Vehicle Diagnostics and Condition Monitoring D. BISMOR
18:00-18:30	Application of acoustic emission for non-destructive testing of pressure vessels with hydrogen F. WITOS
18:30-19:00	<i>Poster session – preparation of posters</i>
19:00-20:00	<i>Supper</i>

20:00	POSTER SESSION
20:00	<p style="text-align: center;">POSTERS</p> <p>Quartz Tuning Fork Sensor of Paramagnetic Gases. T. BOROWSKI</p> <p>Comparison of the occurrence of Partial Discharges on the surface of a composite insulator by measurement of acoustic emission and measurement of UV radiation emission. M. GRYSZPIŃSKI</p> <p>Analysis on Acoustic Disturbance Signals Expected During Partial Discharge Measurements in Power Transformers M. KUNICKI, A. CICHONŃ, S. BORUCKI</p> <p>The Influence of the Type of Solid Dielectric Material On the Generated Partial Discharges Ł. NAGI, M. KOZIOL</p> <p>Measurement and Testing of the Occurrence of Partial Discharges on the Surface of a Ceramic Insulator Using the Method of UV Radiation Emission and Acoustic Emission P. SZPULAK</p> <p>Wavelet Selection for Discrimination of Acoustic Signals Emitted by Partial Discharges in Oil Insulation S. WAWRZYŃIAK, M. KUNICKI</p>

27.02.2019 Wednesday	
8:00	<i>Breakfast</i>
13:00	<i>Lunch</i>
15:30-16:00	Surface Acoustic Wave Sensor of Paramagnetic Oxygen K. JASEK, M. GRABKA, M. PASTERNAK, W. MIKULSKI, T. BOROWSKI
16:00-16:30	New Polymer Materials For Surface Acoustic Wave Sensor Application For Nerve Chemical Warfare Agents Detection in Elevated Humidity Conditions M.GRABKA, K. JASEK, M. PASTERNAK
16:30-17:00	<i>Coffee break</i>
17:00-17:30	Acoustical Studies of Polymer (RR)-P3HT Type For the Determination of DMMP in Air J. WROTNIAK, W. JAKUBIK, P. POWROŹNIK, A.STOLARCZYK, M. MAGNUSKI
17:30-18:00	Experimental and Numerical Analysis of the Steady Stage of a New SAW Structure With RR-P3HT in Detection DMMP T. HEJCZYK, J. WROTNIAK, P. POWROŹNIK, W. JAKUBIK
19:30	<i>Festive Supper (Banquet)</i>

28.02.2019 Thursday	
8:00	<i>Breakfast</i>