

## Poster session Monday, 20 June 2016

1.	<i>The multisection capacitive sensor for liquid level measurement printed on flexible substrate</i> D.Paczesny, G.Tarapata, M.Marzęcki, M.Woyke, R.Jachowicz
2.	<i>Methods and electronic system for floor surface type detection</i> G.Tarapata, D.Paczesny, Ł.Tarasiuk
3.	<i>Application of thin dielectric films in low coherence fiber-optic Fabry-Pérot sensing interferometers – comparative study</i> Marzena Hirsch, Paweł Wierzba, Małgorzata Jędrzejewska-Szczerska
4.	<i>3D polypyrrole structures as a sensing material for glucose detection</i> Karolina Cysewska, Magdalena Szymańska, Piotr Jasiński
5.	<i>Realization of fiber optic sensor detecting the presence of a liquid</i> B. Guzowski, M. Lakomski, K. Nowogrodzki
6.	<i>Innovative multi-cantilever array sensor system with MOEMS read-out</i> F. Ivaldi, T. Bieniek, P. Grabiec, W. Majstrzyk, D. Kopiec, T. Gotszalk
7.	<i>Functionalization of MEMS cantilever beams for interconnect reliability investigation - development practice</i> T. Bieniek, G. Janczyk, R. Dobrowolski, K. Wojciechowska, A. Malinowska, A. Panas, M. Nieprzecki, H. Kłos
8.	<i>Polymer microfluidic bioreactor fabrication by means of gray scale lithography technique</i> Andrzej Sierakowski, Piotr Prokaryn, Rafał Dobrowolski, Anna Malinowska, Piotr Grabiec, Damian Trojanowski, Dagmara Jakimowicz, Jolanta Zakrzewska-Czerwinska
9.	<i>Mathematical model of aging process in organic light-emitting diodes (OLEDs)</i> Zbigniew Porada
10.	<i>Gravimetric measurements with use of a cantilever for controlling of electrochemical deposition processes</i> Piotr Prokaryn, Paweł Janus, Jerzy Zajac, Andrzej Sierakowski, Krzysztof Domanski, Piotr Grabiec
11.	<i>Selected optical properties of new negative-tone photoresists for indirect bonding of micromechanical structures</i> Wojciech Kubicki, Rafał Walczak, Jan Dziuban
12.	<i>Autonomous system for horse movement parameterization using MEMS sensors</i> Wojciech Kosek, Paweł Knapkiewicz, Rafał Walczak, Piotr Józwiak, Jan Dziuban, Jędrzej Jaśkowski
13.	<i>An improved anisotropic wet etching process for the fabrication of silicon microneedles for atomic force microscopy (AFM) devices</i> Karina Wojciechowska, Rafał Dobrowolski, Paweł Janus, Anna Malinowska, Piotr Wójcicki, Piotr Prokaryn, Dariusz Szmigiel, Andrzej Sierakowski
14.	<i>Influence of electrodes geometry on skin impedance measurements</i> K. Dudzinski, M. Dawgul, J. Weremczuk, A. Naguszewski, B. Wawro, D.G. Pijanowska, W. Torbicz
15.	<i>Electrochemical determination of pirarubicin by means of modified and unmodified electrodes</i> Joanna Jankowska – Śliwińska, Agnieszka Paziewska, Marek Dawgul, Dorota G. Pijanowska
16.	<i>Wireless read passive, high-doses radiation sensor</i> Paweł Knapkiewicz, Izabela Augustyniak, Katarzyna Sareło, Emilie Debourg, Patrick Pons, J. Dziuban
17.	<i>Research on application of cavity enhanced and multipass spectroscopy in human breath analyses</i> Tadeusz Stacewicz, Zbigniew Bielecki, Jacek Wojtas, Janusz Mikołajczyk, Beata Zakrzewska, Paweł Magryta, Małgorzata Panek, Arkadiusz Tkacz
18.	<i>Error of conversion of “physical quantity-to-frequency” converter output signal</i> Piotr Warda
19.	<i>Harvesting electrostatic energy using superhydrophobic surfaces</i> Dominik Pociecha, Paweł Żyłka
20.	<i>Measurement station for online ground water contamination detection of shale gas well</i> Krzysztof Danielewski, Jerzy Weremczuk, Jarosław Arabas
21.	<i>The role of quantitative composition of the ion-selective bulk optodes in their response characteristics</i> Kalinichev A.V., Peshkova M.A.
22.	<i>Thermal heat-balance mode Flow-to-Frequency Converter</i> Eligiusz Pawłowski
23.	<i>Breath sampling system for optoelectronic gas sensor</i> Artur Prokopiuk, Dariusz Szabra, Robert Mędrzycki
24.	<i>Planar waveguide ammonia sensor</i> Roman Rogoziński
25.	<i>An electronic nose for quantitative determination of concentrations</i> G. Jasiński, P. Kalinowski, Ł. Woźniak, P. Jasiński

## Poster session Tuesday, 21 June 2016

1.	<i>Determination of chlorine concentration using single temperature modulated semiconductor gas sensor</i> Ł. Woźniak, P. Kalinowski, G. Jasiński, P. Jasiński
2.	<i>Zirconia-based mixed potential sensor with Pt electrode prepared by spin-coating of polymeric precursor</i> A. Chrzan, Ł. Woźniak, D. Szymczewska, P. Jasiński
3.	<i>Features extraction from the electrocatalytic gas sensor responses</i> Paweł Kalinowski, Łukasz Woźniak, Maria Stachowiak, Grzegorz Jasiński, Piotr Jasiński
4.	<i>Graphene oxide, reduced graphene oxide and composite thin films NO<sub>2</sub> sensing properties</i> Katarzyna J. Dunst, Piotr Jasiński
5.	<i>Characterisation of silver doped ZnO chemical gas sensors</i> Patrycja Suchorska-Woźniak, Witold Nawrot, Helena Teterycz
6.	<i>The influence of technological procedure used to graphene device fabrication on the graphene parameters</i> L. Ruta, J. Wozny, N. Szczecinska, Z. Lisik
7.	<i>Chlorine sensing properties of zinc oxide resistive gas sensor doped with platinum</i> Marta Fiedot, Helena Teterycz
8.	<i>The piezoelectric properties of zinc oxide</i> Olga Rac, Helena Teterycz
9.	<i>Defect structure of V<sub>2</sub>O<sub>5</sub> thin films</i> Krystyna Schneider
10.	<i>Wireless sensor networks (WSN) for vital parameters measurements</i> Michał Kowal, Sławomir Kubal, Piotr Piotrowski, Kamil Staniec
11.	<i>Sol-gel layers for ceramic microsystems application</i> Mateusz Czok, Leszek Golonka
12.	<i>Properties of PZT thick film made on LTCC substrates with dielectric intermediate layers</i> Arkadiusz Dąbrowski, Leszek Golonka
13.	<i>Colorimetric methods of urea determination with use of LTCC based microfluidic system</i> Elżbieta Remiszewska, Karol Malecha, Jerzy Kruk, Władysław Torbicz, Dorota G. Pijanowska
14.	<i>Comparison of the measurement techniques employed for evaluation of ambient air odour quality</i> Wojciech Wojnowski, Tomasz Majchrzak, Jacek Gębicki, Tomasz Dymerski, Jacek Namieśnik
15.	<i>Monitoring of odour nuisance in the Tricity Agglomeration</i> Jacek Gębicki, Tomasz Dymerski, Jacek Namieśnik
16.	<i>Energy harvesting schemes for building interior environment monitoring</i> Paweł Żyłka, Dominik Pocięcha
17.	<i>Thin film two-electrode impedance sensor development and tests</i> M. Zaborowski, A. Baraniecka, J. Zając, K. Domański, H. Hara, P. Grabiec
18.	<i>Inkjet 3D printed electrophoretic lab-on-a-chip</i> Krzysztof Adamski, Wojciech Kubicki, Rafał Walczak
19.	<i>Application of a system for measuring foot plantar pressure for evaluation of human mobility</i> Ewa Klimiec, Krzysztof Zaraska, Jacek Piekarski, Piotr Guzdek, Grzegorz Kołasczyński
20.	<i>Flexible humidity sensors with polymer sorption layer</i> Bartosz Dzikowski, Adrian Zduńczyk, Jerzy Weremczuk, Grzegorz Owczarek, Wojciech Fabianowski
21.	<i>Glass microaquarium for culturing of microorganisms</i> Agnieszka Podwin, Wojciech Kubicki
22.	<i>Comparison of sensitivity and selectivity of prototype gas sensors by using fluctuation-enhanced-sensing method and DC resistance measurements</i> Maciej Trawka
23.	<i>Metrological characteristics of the flat voltammetric electrode in time domain with a reversible electrochemical reaction running on the surface</i> Krzysztof Suchocki
24.	<i>Barium boron aluminum silicate glass system for solid state optical gas sensors</i> M.J. Da Silva, J. Karczewski, P. Jasinski, A. Chrzan, P. Kalinowski, D. Szymczewska, G. Jasinski
25.	<i>Techniques of acquiring additional features of the responses of individual gas sensors</i> G. Jasiński, A. Strzelczyk, P. Kalinowski, Ł. Woźniak, P. Jasiński