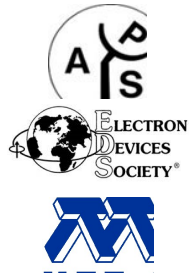


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IEEE Antennas and Propagation Society

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About Workshop

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19th Lithuania-Belarus Workshop

Advanced Microwave Devices and Systems PROGRAM

December 14–15, 2018
Vilnius, Lithuania

Organizers:

IEEE Lithuania Section

IEEE Lithuania AP/ED/MTT chapter

IEEE Belarus MTT/ED Chapter

IEEE Lithuania Education Society Chapter



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December 14, 2018 Program

10 ⁰⁰ –10 ¹⁰	Workshop opening Dr. Irina Naidionova, <i>IEEE AP/ED/MTT Lithuania Chapter Chair, Geozondas LTD., Vilnius, Lithuania</i> Dr. Yury Bobkov, <i>IEEE Belarus Section Chair, JSC KB Radar, Minsk, Belarus</i> Dr. (HP) Vytautas Urbanavicius, <i>IEEE Lithuania Section Chair, VGTU¹, Lithuania</i> Dr. (HP) Sharunas Paulikas, <i>IEEE Senior Member, Dean of Faculty of Electronics of VGTU¹, Lithuania</i>
10 ¹⁰ –10 ³⁵	Wall Distortion Correction in Through Wall Radar Dr. Borisas Levitas, <i>Senior Member, IEEE JSC Geozondas, Vilnius, Lithuania</i>
10 ³⁵ –11 ⁰⁰	UWB Radar-Based Through Wall Object Tracking Dr. (HP) Dalius Navakauskas, <i>Senior Member, IEEE^{a)}</i> , Dr. (HP) Arturas Serackis, <i>Senior Member, IEEE^{a)}</i> , PhD Student Eldar Šabanovič, <i>Graduate Student Member, IEEE^{a)}</i> , Dr. Borisas Levitas, <i>Senior Member, IEEE^{b)}</i> ^{a)} VGTU ¹ , Lithuania, ^{b)} JSC Geozondas, Lithuania
11 ⁰⁰ –11 ²⁵	Compact Tri-Band Antenna with Improved Gain for WLAN Applications Dr. Yury Bobkov, <i>Member, IEEE JSC KB Radar, Minsk, Belarus</i>
11 ²⁵ –11 ⁵⁵	Coffee-break
11 ⁵⁵ –12 ²⁰	Ultra Wideband Fiber-Optic Transmission Links for Radar and Microwave Measurement Systems Dr. Alexander Chizh, <i>Member, IEEE SSPA² “Optics, Optoelectronics and Laser Technology” of National Academy of Sciences of Belarus, Minsk</i>
12 ²⁰ –12 ⁴⁵	Investigation of the Hybrid Time-Base Device for Digital Sampling Oscilloscope Tomaš Tankeliun, <i>PhD student, Student Member, IEEE^{a)}</i> , Oleg Zaytsev ^{b)} , Dr. (HP) Vytautas Urbanavičius, <i>Senior Member, IEEE^{a)}</i> ^{a)} VGTU ¹ , Lithuania, ^{b)} JSC Eltesta, Vilnius, Lithuania
12 ⁴⁵ –13 ¹⁰	New 5 GHz, 16 GHz and 25 GHz Wide Bandwidth Oscilloscopes with 0.2 ps Timing Resolution Jakovas Rosovskis <i>JSC Eltesta, Vilnius, Lithuania</i>
13 ¹⁰ –15 ⁰⁰	Lunch

15 ⁰⁰ –15 ²⁵	Development of Millimeter Band Waveguide VNA Dr. Tomas Anbindeis ^{a)} , Vladimir Gorbatenko ^{a)} , Jelena Ikonikova ^{a)} , Leonid Kryshev ^{a)} , Žydrunas Tamoševičius ^{b)} , Aleksandr Mamajev ^{b)} , Dr. Borisas Levitas ^{c)} , <i>Senior Member, IEEE</i> ^{a)} JSC Elmika, ^{b)} JSC Lime Microsystems, ^{c)} JSC Geozondas, Vilnius, Lithuania
15 ²⁵ –15 ⁵⁰	Optoelectronic Methods of Microwave Signal Generation for Radars Dr. Kiryl Mikitchuk, <i>Member, IEEE SSPA², Minsk, Belarus.</i>
15 ⁵⁰ –16 ¹⁵	Review of Nanocomposites and Atomistic Metamaterials Dr. Tatjana Gric, <i>Member, IEEE VGTU¹, Vilnius, Lithuania</i>
16 ¹⁵ –16 ⁴⁵	Coffee-break
16 ⁴⁵ –17 ¹⁰	Pulsed Electric Field Effects on Inactivation of Microorganisms in Acid Whey Povilas Simonis PhD student, Dr. Arunas Stirke <i>Centre for Physical Sciences and Technology, Vilnius, Lithuania</i>
17 ¹⁰ –17 ³⁵	Magnetometer Based on CMR-B-Scalar Sensor for Magnetic Pulse Welding Investigation Jonas Klimantavicius, PhD student, Dr. Nerija Zurauskiene, <i>Member, IEEE</i> <i>Centre for Physical Sciences and Technology, Vilnius, Lithuania</i>
17 ³⁵ –18 ⁰⁰	Surface Nanostructures of Fiber-Optic Photoacoustic Ultrasonic Transducers for High-Resolution Non-Destructive Control PhD student Alena Mikitchuk, <i>Graduate Student Member, IEEE Belarusian State University, Department of Radiophysics and Computer Technology, Minsk</i>
18 ⁰⁰ –18 ¹⁰	Workshop closing Dr. Irina Naidionova, <i>IEEE AP/ED/MTT Lithuania Chapter Chair JSC Geozondas, Vilnius, Lithuania</i> Dr. Yury Bobkov, <i>IEEE Belarus Section Chair, JSC KB Radar, Minsk, Belarus</i>
19 ⁰⁰	Dinner
December 15 – Discussion in JSC Geozondas	

¹ VGTU – Vilnius Gediminas Technical University

² SSPA “Optics, Optoelectronics and Laser Technology” of National Academy of Sciences of Belarus, Minsk