

<b>9<sup>00</sup> - 9<sup>15</sup></b>	<b>Workshop opening</b> Dr. Borisas Levitas, <i>Lithuania IEEE AP/ED/MTT Chapter Chair, Geozondas LTD., Vilnius, Lithuania</i> Dr. Habil. Sergei Malyshev, <i>Belarus IEEE MTT/ED Chapter Chair, SSPA<sup>1</sup>, Minsk, Belarus</i> Dr. (HP) Vytautas Urbanavicius, <i>Lithuania IEEE Section Chair, VGTU<sup>2</sup>, Lithuania</i> Dr. (HP) Sharunas Paulikas, <i>Senior Member, IEEE, Dean of Faculty of Electronics of VGTU<sup>2</sup>, Lithuania</i>
<b>9<sup>15</sup> - 9<sup>45</sup></b>	<b>Random Equivalent Time Sampling. History and Present</b> Jakovas Rososkis, Jevgenij Kosteckij <i>Eltesta Ltd., Vilnius, Lithuania</i>
<b>9<sup>45</sup> - 10<sup>15</sup></b>	<b>Antennas for cm and mm Precision of GNSS Positioning in Real Time</b> Dr. Sci. Dmitry Tatarnikov, <i>Member, IEEE.</i> <i>Dept. of Radiophysics, antennas and microwaves, Moscow Aviation Institute (National Research University), MAI, Antenna Design Chief, Deputy Director of Engineering, Topcon Technology Center of the Topcon Positioning Group, Topcon Corp. (Japan)</i>
<b>10<sup>15</sup> - 10<sup>45</sup></b>	<b>Terahertz Pulsed Imaging for Biomedical Applications</b> Dr. Valeri Mikhnev, <i>Member, IEEE</i> <i>Institute of Applied Physics, National Academy of Sciences of Belarus (Minsk)</i>
<b>10<sup>45</sup> - 11<sup>00</sup></b>	<b>Coffee-break</b>
<b>11<sup>00</sup> - 11<sup>30</sup></b>	<b>Software Defined Transceivers in Telecommunication and Radar Systems</b> Dr. Boris Levitas <sup>a)</sup> , <i>Senior Member, IEEE</i> , Dr. Karolis Kiela <sup>b)</sup> , Aleksandr Mamajev <sup>b)</sup> , <u>Žydrūnas Tamošiavičius<sup>b)</sup></u> <sup>a)</sup> <i>Geozondas LTD., Vilnius, Lithuania</i> <sup>b)</sup> <i>Lime Microsystems UAB, Vilnius, Lithuania</i>
<b>11<sup>30</sup> - 12<sup>00</sup></b>	<b>Software Defined Radios for Scanning Applications</b> <u>Karolis Kiela</u> , Marijan Jurgo, Aleksandr Vasjanov, Vytautas Mačaitis, Leonid Kladovščikov, Romualdas Navickas, <i>Senior Member, IEEE.</i> <i>VGTU<sup>2</sup>, Electronics Faculty, Department of Computer and Communication Technologies, Vilnius, Lithuania</i>
<b>12<sup>00</sup> - 12<sup>30</sup></b>	<b>Shielding Effectiveness of Modern Energy Saving Windows</b> Dr. Habil. Zhilvinas Kancleris, <i>Senior Member, IEEE</i> <i>Centre for Physical Sciences and Technology, Vilnius, Lithuania</i>
<b>12<sup>30</sup> - 14<sup>00</sup></b>	<b>Lunch</b>
<b>14<sup>00</sup> - 14<sup>30</sup></b>	<b>Fiber-Optic Transmission Link with Optical Gain for Frequency Range of 0.1 – 40 GHz</b> Dr. Alexander Chizh, <i>Member, IEEE</i> <i>SSPA “Optics, Optoelectronics and Laser Technology”, National Academy of Sciences of Belarus (Minsk)</i>
<b>14<sup>30</sup> - 15<sup>00</sup></b>	<b>Delay-Line Optoelectronic Microwave Oscillators with Optical Gain for Radar and Communication Systems</b> Kiryl Mikitchuk, <i>Member, IEEE</i> <i>SSPA “Optics, Optoelectronics and Laser Technology”, National Academy of Sciences of Belarus (Minsk)</i>
<b>15<sup>00</sup> - 15<sup>30</sup></b>	<b>Polypyrrole Semiconductor Films Analysis and Applications for Microwave Absorbers</b> <u>Monika Kirsnytė</u> , Žilvinas Kancleris <i>Senior Member, IEEE</i> , Rimas Simniškis, Paulius Ragulis, Marijus Jurkūnas, Arūnas Stirė <i>Centre for Physical Sciences and Technology, Vilnius, Lithuania</i>
<b>15<sup>30</sup> - 15<sup>45</sup></b>	<b>Coffee-break</b>
<b>15<sup>45</sup> - 16<sup>15</sup></b>	<b>Compact High-Sensitivity Potentiometer for Detection of Low Ions Concentration in Liquids</b> <u>Raimonda Celiešiūtė</u> , Ričardas Leščinskas, Zigmās Balevičius, Arūnas Stirė, Skirmantas Keršulis, Povilas Šimonis, Saulius Balevičius, <i>Senior Member, IEEE.</i> , Nerija Žurauskienė <i>Member, IEEE</i> , Arūnas Ramanavičius <i>Centre for Physical Sciences and Technology, Vilnius, Lithuania</i>
<b>16<sup>15</sup> - 16<sup>45</sup></b>	<b>Surface Plasmon Polaritons in Nanostructured Metamaterials</b> Tatjana Gric <sup>a)</sup> , <i>Member, IEEE</i> , Aleksej Trofimov <sup>a)</sup> , Ortwin Hess <sup>b)</sup> <sup>a)</sup> <i>Vilnius Gediminas Technical University, Vilnius, Lithuania</i> <sup>b)</sup> <i>The Blackett Laboratory, Department of Physics, Imperial College London, London SW7 2AZ, UK</i>
<b>16<sup>45</sup> - 17<sup>15</sup></b>	<b>Radar Cross Section Simulation. Primary Features</b> Dr. Yelena Maksimovitch, <i>Senior Member, IEEE</i> <i>Institute of Applied Physics, National Academy of Sciences of Belarus (Minsk)</i>
<b>17<sup>15</sup> - 18<sup>00</sup></b>	<b>Workshop Closing</b> Dr. Irina Naidionova, <i>Senior Member, IEEE, Geozondas Ltd., Vilnius, Lithuania</i> Dr. Habil. Sergei Malyshev, <i>Belarus IEEE MTT/ED Chapter Chair, SSPA “Optics, Optoelectronics and Laser Technology”, National Academy of Sciences of Belarus, Minsk, Belarus</i>

**18<sup>30</sup> - Dinner**

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