

Poster contributions 1 (21. November 2017)			
1.	Dr. Marianna Špankova	Some peculiarities at preparation of Bi ₄ Ti ₃ O ₁₂ films for bolometric applications	Institute of Electrical Engineering SAS, Slovak Republic
2.	Dr. Dagmar Gregušova	Preparation and measurement of GaN based HEMT structures.	Institute of Electrical Engineering, SAS, Slovak Republic
3.	Prof. Lubica Stuchlikova	Study of Electrically Active Defects in Nanostructured Porous Silicon	Institute of Electronics and Photonics, Slovak University of Technology, Slovak Republic
4.	Dr. Heike Angermann	Passivation of crystalline silicon wafers by ultrathin surface oxides prepared in HCl solution	Helmholtz Center Berlin for Materials and Energy, Germany
5.	Dr. Lyes Zougar	Effect of nitrogen and annealing on interface properties of MIS structure containing an Al ₂ O ₃ Thin layer deposited by Spray pyrolysis	Research Center in Semiconductors Technology for Energy, CRTSE, Algeria
6.	Mrs. Linda Aissani	Effect of Zirconium on the structure and properties of CrN thin films produced by RF magnetron sputtering	ABBES Laghrour- Khenchela University, Algeria
7.	Dr. Aleksandras Iljinas	Structure and ferroelectric properties of PZT thin films deposited by DC magnetron sputtering	Kaunas University of Applied Sciences and Kaunas University of Technology, Lithuania
8.	Mrs. Boudjemaa Bouaouina	Structural and Mechanical Properties of Mo ₂ N/CrN Multilayers Deposited at 600°C by DC Magnetron Sputtering	University of Boumerdes, Algeria
9.	Mr. Bensouici Fayçal	Effect of Er-doped TiO ₂ thin films on optical, microstructural and photocatalytic activity prepared by sol gel	University of Boumerdes, Algeria
10.	Dr. Janusz Chrzanowski	Precise, semi-empirical equation for work function	Maritime University of Szczecin, Poland
11.	Dr. Bohdan Bieg	Electron chemical potential in the context of unconventional quantum model	Maritime University of Szczecin, Poland
12.	Dr. Dinara Sobola	Characterization of native oxide on CdTe surface	Brno University of Technology, Czech Republic
13.	Dr. Darius Virbukas	Synthesis of (Bi ₂ O ₃) _{1-x} (PbO) _x thin films by plasma assisted reactive evaporation	Kaunas University of Applied Sciences, Kaunas University of Technology, Lithuania

14.	Dr. Pavol Neilinger	Ferromagnetic resonance study of sputtered Co Pt and Pt Co Pt and multilayers	Faculty of mathematics, physics and informatics Comenius University, Slovak Republic
15.	Dr. Bohumir Zatkan	Schottky Barrier Detectors Based On High Quality 4H-SiC Semiconductor: Electrical and Detection Properties	Institute of Electrical Engineering SAS, Slovak Republic
16.	Prof. Dusan Pudis	3D polymer structures for the surface application in photonic devices	Faculty of Electrical Engineering, University of Zilina, Slovak Republic
17.	Dr. Matej Goraus	Surface-relief Bragg grating waveguides based on IP-Dip polymer for photonic applications	Faculty of Electrical Engineering, University of Zilina, Slovak Republic
18.	Dr. Jana Durisova	IP-Dip polymer surfaces for photonic applications prepared by laser lithography and studied by AFM	Faculty of Electrical Engineering, University of Zilina, Slovak Republic
19.	Dr. Ivana Lettrichova	2D structures patterned on 3D surfaces by laser lithography	Faculty of Electrical Engineering, University of Zilina, Slovak Republic
20.	Dr. Katarina Sedlackova	Comparison of semi-insulating GaAs and 4H-SiC-based semiconductor detectors covered by LiF film for thermal neutron detection	Slovak University of Technology, Faculty of Electrical Engineering and Information Technology, Institute of Nuclear and Physical Engineering, Slovak Republic
21.	Dr. Robert Brunner	Optical and structural properties of thin films prepared electrochemically on high doped n-type Si	Institute of Physics, Slovak Academy of Sciences, Slovak Republic
22.	Dr. Emil Pincik	Regarding interaction of the ICP oxygen plasma with biased GaAs and Al/GaAs	Institute of Physics, Slovak Academy of Sciences, Slovak Republic
23.	Dr. Emil Pincik	Investigation of inhomogeneous porous p-type Si by photoluminescence	Institute of Physics, Slovak Academy of Sciences, Slovak Republic
24.	Dr. Pavel Vojtek	Investigation of the relaxation process of the photoluminescence of porous p-type Si	Department of Experimental Physics, Faculty of Mathematics, Physics, and Informatics, Comenius University, Slovak Republic
25.	Dr. Miroslav Mikolasek	Structural, optical and electrical properties of WS ₂ prepared using sulfurization of tungsten films	Institute of Electronics and Photonics, Slovak University of Technology, Slovak Republic

26.	Dr. Miroslav Mikolasek	NiO surface modification of silicon micro-needles and their characterization	Institute of Electronics and Photonics, Slovak University of Technology, Slovak Republic
27.	Dr. Daniel Kacik	Determination of sub-nanometer distance from reflective surface by Fabry-Perot interferometer	Faculty of Electrical Engineering, University of Zilina, Slovak Republic
28.	Dr. Michaela Solanska	Angle-, polarization- and spectral resolved antireflection properties of black silicon with different surface morphologies	Institute of Aurel Stodola, Faculty of electrical engineering, University of Zilina, Slovak Republic
29.	Dr. Gabriel Cibira	Photovoltaic cell electrical parameters modeling using fiveparameter reduced form	Institute of Aurel Stodola, Faculty of electrical engineering, University of Zilina, Slovak Republic
30.	Dr. Lubomir Scholtz	Investigation of barium titanate thin films as single antireflective coatings for solar cells	Institute of Aurel Stodola, Faculty of electrical engineering, University of Zilina, Slovak Republic
31.	Prof. Oumessaad Benturki	Effects of activation conditions on the porous structure development of jujube seeds activated carbon	Chemistry faculty from university of science and Technology (Haouari Boumedienne), Algeria
32.	Dr. Emil Pincik	Optical properties of porous thin films prepared on p-type Si	Institute of Physics, Slovak Academy of Sciences, Slovak Republic

Poster contributions II (22. November 2017)

1.	Dr. Robert Brunner	Application of Fourier transformation in IR spectroscopy of silicon based thin films	Institute of Physics, Slovak Academy of Sciences , Slovak Republic
2.	Ing. Nikola Papez	Degradation analysis of GaAs solar cells at thermal stress	Department of Physics, Faculty of Electrical Engineering and Communication, Brno University of Technology, Czech Republic
3.	Ing. Nikola Papez	Advanced methods for localization and isolation of surface defects in monocrystalline silicon solar cells	Department of Physics, Faculty of Electrical Engineering and Communication, Brno University of Technology, Czech Republic
4.	Dr. Maros Gregor	Influence of Ar and O ₂ annealing atmosphere on superconducting properties of MgB ₂ thin films	Comenius University in Bratislava , Slovak Republic
5.	Dr. Tomas Plecenik	Hydrogen gas sensor based on a nanoscale Pt/ZnO/Pt sandwich structure	Faculty of Mathematics, Physics and Informatics, Comenius University in Bratislava, Slovak Republic
6.	Dr. Samira Sali	Structural, optical and electrical properties of Vanadium doped TiO ₂ thin film deposited by ultrasonic spray pulverization for solar cells applications	1CRTSE - Division DDCS, Algeria
7.	Dr. Roman Stoklas	Sub-threshold slope and Capacitance-Voltage analysis of AlGa _N /Ga _N MOS-HFETs with HfO ₂ gate oxide prepared by ALD	Institute of Electrical Engineering, SAS, Slovak Republic
8.	Prof. Jun Xu	Fabrication of Phosphorus-doped Si Nanocrystals:SiC Films for Photovoltaic Devices	Nanjing University, China
9.	Dr. Agata Laurencikova	GaP nanocones covered by silver nanoparticles for surface enhanced Raman spectroscopy	Institute of Electrical Engineering SAS, Slovak Republic
10.	Ing. Michal Kopcik	On the origin of quasiparticle states in the superconducting gap of homogeneously disordered ultrathin MoC films	Institute of Experimental Physics, Slovak Academy of Sciences, Slovak Republic

11.	Ing. Ondrej Szabo	CVD diamond thin films -functional material for clean environment monitoring	Institute of Physics of the Czech Academy of Sciences, Czech Republic
12.	Dr. Andrzej Grabowski	Laser surface texturing of Ti6Al4V alloy, stainless steel and aluminium silicon alloy	Silesian University of Technology, Poland
13.	Mr. Yuya Onitsuka	Carrier separation enhancement by graded band-gap structure of nanocrystalline Si layer formed by SSCT method	Institute of Scientific and Industrial Research, Japan Science and Technology Agency, Osaka University, Japan
14.	Dr. Oleg Babchenko	Influence of passivation coating on AlGaIn/GaN heterostructure during the diamond CVD	Institute of Electrical Engineering Slovak Academy of Sciences, Slovak Republic
15.	Dr. Gabriel Vanko	Residual stress in PLD grown buffer layers for bolometric application	Institute of Electrical Engineering Slovak Academy of Sciences, Slovak Republic
16.	Dr. Jozef Osvald	High temperature current transport in gate oxides based (GaN)/AlGaIn/GaN Schottky diodes	Institute of Electrical Engineering SAS, Slovak Republic
17.	Dr. Emil Pincik	Regarding complex refractive index of thin films prepared without illumination electrochemically on the p- and n-types of c-Si	Institute of Physics, Slovak Academy of Sciences, Slovak Republic
18.	Dr. Emil Pincik	Optical properties of oxidized black silicon	Institute of Physics, Slovak Academy of Sciences, Slovak Republic
19.	Dr. Pavel Vojtek	Regarding UV-VIS spectral reflectance of thin films prepared electrochemically on Si substrates	Department of Experimental Physics, Faculty of Mathematics, Physics, and Informatics, Comenius University, Slovak Republic
20.	Dr. Miroslav Mikolasek	Electrical Characteristics of Nanostructured Porous Silicon	Institute of Electronics and Photonics, Slovak University of Technology, Slovak Republic
21.	Dr. Miroslav Mikolasek	Vertical Electron Transport in GaN-based MOS Structures	Institute of Electronics and Photonics, Slovak University of Technology, Slovak Republic
22.	Dr. Magdalena Kadlecikova	Raman Spectroscopy of substrates used to characterize porous silicon	Institute of Electronics and Photonics, Slovak University of Technology, Slovak Republic

23.	Dr. Julia Micova	Synthesis, Optical Properties and Crystal Quality of Different Zinc Oxide Nanostructures	Institute of Chemistry, SAS , Slovak Republic
24.	Dr. Jaroslava Skriniarova	Investigation of GaP Nanowires Using Spectroscopic Ellipsometry	I Institute of Electronics and Photonics, Faculty of Electrical Engineering and Information Technology, Slovak University of Technology, Bratislava, Slovak Republic
25.	Dr. Arpad Kosa	DLTS Study of Electrically Active Defects in AlGaIn/GaN heterostructures	Institute of Electronics and Photonics, Slovak University of Technology in Bratislava, Slovak Republic
26.	Dr. Arpad Kosa	Impact of high voltage switching on electrical performance in power p GaN HEMT	Institute of Electronics and Photonics, Slovak University of Technology in Bratislava, Slovak Republic
27.	Mr. El Amrani Abdelkader	Effect of temperature predeposition on n+ BSF passivation quality in codiffusion process	Research Center in Semiconductor Technology for Energetic, Algeria
28.	Ms. Hyeun Yang	Improved electrochromic properties of porous Al-doped NiO films prepared by chemical bath deposition	Sungkyunkwan University, Republic of Korea
29.	Ms. Hyeun Yang	Synthesis and characterization as polystyrene sphere patterned TiO ₂ films for photocatalysts	Sungkyunkwan University, Republic of Korea
30.	Dr. Jose Carlos Piñero Charlo	High resolution 8-doping profilometry in epitaxial diamond interfaces studied by CTEM	Universidad de Cadiz, Spain
31.	Mr. Aleksandro Leonardo Mendonca Bascunan	Schottky-to-ohmic behavior in diamond diodes: an interface feature	University of Grenoble Alpes, France
32.	Ing. Nikola Papez	Experimental elimination of microstructural defects in chalcopyrite-based Cu(In,Ga)Se ₂ solar cells	Department of Physics, Faculty of Electrical Engineering and Communication, Brno University of Technology, Czech Republic
33.	Prof. Thomas Chassé	Thermal oxidation of technical copper at low temperature – Morphology and chemical composition	Institut für Physikalische und Theoretische Chemie, Universität Tübingen, Germany
34.	Prof. Milan Mikula	Study of TiO _x hole blocking layers for low-T printable solar cells	Faculty of Chemical and Food Technology STU in Bratislava, Slovak Republic