

**6th International Conference “Nanotechnology”**  
**4 – 7 October 2021, Tbilisi, Georgia**  
G T U n a n o 2 0 2 1

in memory of **Prof. Alex Gerasimov** (1936 – 2019) –  
initiator of Georgian Technical University’s nanoconferences

**Virtual Meeting**  
**Program**

All presentation time indicated are local – Tbilisi time

Invited Presentation: 20 min

Oral Presentation: 10 min

Poster Presentation: 5 min

**Monday, 4 October 2021**

11:00 – 11:15 *Opening*

**David Gurgenedze**

*Rector of the Georgian Technical University*

11:15 – 11:20 *Opening*

**Tamar Lominadze**

*Dean of the Faculty of Informatics and Control Systems*

11:20 – 11:30 *Welcoming Statements & Announcements*

**Session 1**

Chairs: **Levan Chkhartishvili** & **Mikheil Chikhradze**

11:30 – 11:50 *Invited Presentation*

Life path and scientific work of Alex Gerasimov

**George I. Japaridze**

*Ilia State University, Tbilisi, Georgia*

11:50 – 12:00 *Oral Presentation*

Prospects for Gerasimov’s molecular-potential approach to nanotechnology

**Levan Chkhartishvili**

*Georgian Technical University, Tbilisi, Georgia*

12:00 – 12:20 *Invited Presentation*

Microstructural characterization of structural phase transformations in shape memory alloys

**Osman Adiguzel**

*Firat University, Elazig, Turkey*

12:20 – 12:30 *Oral Presentation*

Modification of clay rocks for obtaining a highly active pozzolanic admixture

**Elena Shapakidze**, Rajden Skhvitaridze, Izolda Kamushadze, Lamara Gabunia, Ioseb Gejadze, Tamar Petriashvili

*A. Tvalchrelidze Caucasian Institute of Mineral Resources, I. Javakhishvili Tbilisi State University, Tbilisi, Georgia*

*Georgian Technical University, Tbilisi, Georgia*

12:30 – 12:40 *Oral Presentation*

Adsorption and photodegradation of quinoline yellow, ponceau 4R and brilliant blue FCF onto ZnAl LDH-LDO / PVA nanocomposite

**Ofeliya Oqtay Balayeva**

*Baku State University, Baku, Azerbaijan*

12:40 – 12:50 *Oral Presentation*

Ultra-fast single-photon detectors in the near future

**Armen Kuzanyan**, Vahan Nikoghosyan, Astghik Kuzanyan

*Institute for Physical Research, National Academy of Sciences of Armenia, Ashtarak, Armenia*

12:50 – 13:00 *Oral Presentation*

Spiropyrans with negative photochromism for nanotechnology

**Lali Devadze**, Gia Petriashvili, Shorena Akhobadze, Tsisana Zurabishvili, Nino Sepashvili  
*V. Chavchanidze Institute of Cybernetics, Georgian Technical University, Tbilisi, Georgia*

13:00 – 13:20 *Invited Presentation*

Nanocomposite hydrogels and its application for environmental remediation

**Haldun Kurama**

*Boron Application and Research Center, Eskisehir Osmangazi University, Eskisehir, Turkey*

13:20 – 13:30 *Oral Presentation*

Biosynthesis of luminescent Ag<sub>2</sub>S quantum dots and study of their optical features and genotoxic effects

**Mariya Borova**, Inna Horiunova, Svitlana Plokhovska, Olga Kapush, Nadia Pushkarova, Alla Yemets

*Institute of Food Biotechnology and Genomics, National Academy of Sciences of Ukraine, Kyiv, Ukraine*

*V. E. Lashkaryov Institute of Semiconductor Physics, National Academy of Sciences of Ukraine, Kyiv, Ukraine*

13:30 – 13:50 *Invited Presentation*

On the model of bactericidal action of UV radiation

**Volodymyr Chumakov**, Oksana Kharchenko

*Kharkiv National University of Radioelectronics, Kharkiv, Ukraine*

13:50 – 15:00 *Break*

**Session 2** Chairs: **Paata Kervalishvili & Ivane Murusidze**

15:00 – 15:20 *Invited Presentation*

Unconventional metallic phases in a quantum wire with modulated spin-orbit coupling

**George I. Japaridze**

*Ilia State University, Tbilisi, Georgia*

15:20 – 15:30 *Oral Presentation*

Preparation of graphene oxide composites containing nanosized silver, copper, and titanium oxide and study of their biocidal properties

Tamar Dundua, **Tamar Sachaneli**, Giorgi Kvartskhava, Nino Gamkrelidze, Sopho Meladze, Ketevan Sarajishvili, Maia Japharidze, Irma Jinikhashvili

*Georgian Technical University, Tbilisi, Georgia*

*P. Melikishvili Institute of Physical and Organic Chemistry, I. Javakhishvili Tbilisi State University, Tbilisi, Georgia*

*Tbilisi State Medical University, Tbilisi, Georgia*

15:30 – 15:40 *Oral Presentation*

New Achievements in Thermo-therapy

**Giorgi Gavashelishvili**, Giorgi Nabakhtiani

*Georgian Technical University, Tbilisi, Georgia*

15:40 – 15:50 *Oral Presentation*

Peculiarities of nonlinear waves localization in structured anharmonic media with two metasurfaces

**Igor V. Gerasimchuk**, Victor S. Gerasimchuk

*Institute of Magnetism, National Academy of Sciences of Ukraine, Kyiv, Ukraine*

*Igor Sikorsky Kyiv Polytechnic Institute, Kyiv, Ukraine*

15:50 – 16:00 *Oral Presentation*

On the quantification of the striatum neurochemical profile using STEAM MRS: A comparison of 3T versus 7T in a cohort of elderly subjects

**Ana Gogishvili**, Christopher E. J. Doppler, Ezequiel Farrher, Aline Seger, Michael Sommerauer, Ketevan Kotetishvili, N. Jon Shah

*Georgian Technical University, Tbilisi, Georgia*

*Institute of Neuroscience and Medicine 3, Forschungszentrum Julich, Julich, Germany*

*Institute of Neuroscience and Medicine 4, Forschungszentrum Julich, Julich, Germany*

*Institute of Neuroscience and Medicine 11, Forschungszentrum Julich, Julich, Germany*

*University Hospital Cologne, University of Cologne, Cologne, Germany*

*JARA Brain Translational Medicine, RWTH Aachen University, Aachen, Germany*

*Faculty of Medicine, RWTH Aachen University, Aachen, Germany*

16:00 – 16:10 *Oral Presentation*

Pseudo-protein-based nanoparticles show promise as carriers for ophthalmic drug delivery

**Temur Kantaria**, Wenliang Zhang, Tengiz Kantaria, Nicole Eter, David Tugushi, Ramaz Katsarava, Peter Heiduschka

*Institute of Chemistry and Molecular Engineering, Agricultural University of Georgia, Tbilisi, Georgia*  
*Medical School, University of Münster, Münster, Germany*

16:10 – 16:20 *Oral Presentation*

Magnetoexcitons in novel two-dimensional materials in monolayers, bilayer, and van der Waals heterostructures

**Roman Ya. Kezerashvili**, Anastasia Spiridonova

*The City University of New York, New York, USA*

16:20 – 16:30 *Oral Presentation*

The sonochemical synthesis of PVA/Mg–Al–OH layered double hydroxide nanocomposite film

**Khazangul Ibrahimova**, Abdulsaid Azizov, Ofeliya Balayeva, Sevinj Mammadyarova

*Baku State University, Baku, Azerbaijan*

16:30 – 16:40 *Oral Presentation*

Composite bionanomaterial for creating a strain sensor

**Levan Ichkitidze**, Alexander Gerasimenko, Dmitry Telyshev, Eugene Kitsyuk, Vladimir Petukhov, Sergei Selishchev

*National Research University of Electronic Technology (MIET), Zelenograd, Moscow Region, Russia*  
*I. M. Sechenov First Moscow State Medical University, Moscow, Russia*

16:40 – 16:50 *Oral Presentation*

Penetration depth of electromagnetic wave in nanoparticles

**Ludmila Ilyashenko**

*Kharkiv National University of Radio Electronics, Kharkiv, Ukraine*

16:50 – 17:00 *Oral Presentation*

Branched ZnO microcrystals. A scanning electron microscopy study

Alexander Jishiashvili, Zeinab Shiolashvili, Nino Makhatadze, **David Jishiashvili**, Archil Chirakadze

*V. Chavchanidze Institute of Cybernetics, Georgian Technical University, Tbilisi, Georgia*

17:00 – 17:10 *Oral Presentation*

Silicon-graphene based solar elements

**Tamar Berberashvili**, Lali Chakhvashvili, Habibollah Bakhtiari, Gela Goderdzishvili, Paata Kervalishvili

*Georgian Technical University, Tbilisi, Georgia,*

17:10 – 17:30 *Invited Presentation*

Progress in water desalination: Insight from *ab initio* studies

**David Tomanek**, Andrii Kyrylchuk

*Michigan State University, East Lansing, Michigan, USA*

17:30 – 17:50 *Invited Presentation*

Exciton and polariton phases in buckled two-dimensional materials

Matthew N. Brunetti, **Oleg L. Berman**, Roman Ya. Kezerashvili

*The City University of New York, New York, USA*

**Tuesday, 5 October 2021**

**Session 3** Chairs: **George Japaridze** & **David Jishiashvili**

11:00 – 11:10 *Oral Presentation*

Single-photon thermoelectric detector with Bi(Pb)–2223 superconducting thin film layers

**Astghik Kuzanyan**, Giorgi Mumladze, Vahan Nikoghosyan, Nikoloz Margiani, Armen Kuzanyan

*Institute for Physical Research, National Academy of Sciences of Armenia, Ashtarak, Armenia*

*V. Chavchanidze Institute of Cybernetics, Georgian Technical University, Tbilisi, Georgia*

11:10 – 11:30 *Invited Presentation*

General characteristics of nanoparticles formed in iron-based systems and perspectives their biomedical application

**Olena Lavrynenko**, Olesia Pavlenko

*I. N. Frantsevich Institute for Problems of Material Science, National Academy of Sciences of Ukraine, Kyiv, Ukraine*

11:30 – 11:50 *Invited Presentation*

Silver–silver sulphide hybrid nanowires: Fabrication, structure and physical properties

**M. B. Muradov**, Jiseok Kim, R. M. Mirsultanova, G. M. Eyazova, Z. A. Aghamaliyev

*Nano Research Center, Baku State University, Baku, Azerbaijan*

11:50 – 12:10 *Invited Presentation*

Beyond the Dirac cones: Zero effective mass carriers in 2D materials with hyperboloid conduction bands

**Ivane G. Murusidze**

*Institute of Applied Physics, Ilia State University, Tbilisi, Georgia*

12:10 – 12:30 *Invited Presentation*

Laser technologies of nanosystems preparation

**Paata J. Kervalishvili**

*Georgian Technical University, Tbilisi, Georgia,*

12:30 – 12:40 *Oral Presentation*

Synthesis of nanostructure high entropy alloys in Fe–W–Al–Ti–Ni–C–B system

**Mikheil Chikhradze**, Guram Abashidze, Akaki Gigineishvili, Nikoloz Chikhradze, Davit Tsverava

*G. Tsulukidze Mining Institute, Tbilisi, Georgia*

*Georgian Technical University, Tbilisi, Georgia*

12:40 – 13:00 *Invited Presentation*

Plasma-assisted preparation of nano-ZrC@C composites from Zr-loaded sulphonated styrene-divinylbenzene co-polymers

**Alejandro Martiz**, Zoltan Karoly, Laszlo Trif, Miklos Mohai, Laura Bereczki, Peter Nemeth, Zsombor Molnar, Szilvia Klebert, Laszlo Kotai

*Budapest University of Technology and Economics, Budapest, Hungary*

*Research Centre for Natural Sciences, Institute of Materials and Environmental Chemistry, Budapest, Hungary*

*Research Institute of Biomolecular and Chemical Engineering, University of Pannonia, Veszprem, Hungary*

13:00 – 13:20 *Invited Presentation*

Carbon nanotubes and graphene hybrid materials systems for multifunctional applications in energy and environment

**Fernand D. S. Marquis**

*San Diego State University, San Diego, USA*

13:20 – 14:00 *Break*

**Session 4** Chairs: **Levan Chkhartishvili** & **Mikheil Chikhradze**

14:00 – 14:20 *Invited Presentation*

Morphologically designed novel nanocarbon materials derived from highly stable SWCNT inks

**Katsumi Kaneko**

*Research Initiatives for Supra-Materials, Shinshu University Wakasato, Nagano, Japan*

14:20 – 14:25 *Poster Presentation*

Development of compositions of geopolymer binders based on rocks of Georgia

**Elena Shapakidze**, Marina Nadirashvili, Vera Maisuradze, Marina Avaliani, Ioseb Gejadze, Tamar Petriashvili

*A. Tvalchrelidze Caucasian Institute of Mineral Resources, I. Javakhishvili Tbilisi State University, Tbilisi, Georgia*

*R. Agladze Institute of Inorganic Chemistry and Electrochemistry, I. Javakhishvili Tbilisi State University, Tbilisi, Georgia*

14:25 – 14:30 *Poster Presentation*

Joint synthesis of boron carbide matrix ceramic modifiers and grain growth inhibitors with low-cost compounds

**Natia Barbakadze**, Lili Nadaraia, Levan Chkhartishvili, Arhcil Mikeladze, Otar Tsagareishvili, Manana Buzariashvili, Irma Jinikashvili, Roin Chedia

*P. Melikishvili Institute of Physical and Organic Chemistry, I. Javakhishvili Tbilisi State University, Tbilisi, Georgia*

*Republic Center for Structure Researches of Georgia, Georgian Technical University, Tbilisi, Georgia*

*F. Tavadze Metallurgy and Materials Science Institute, Georgia*

14:30 – 14:35 *Poster Presentation*

Statistical and Fourier analysis of the autocatalytic formation and dynamics of spatiotemporal vortex structures in fluids near a magnetized surface

**Dmytro O. Derecha**, Yury B. Skirta, Igor V. Gerasimchuk, Andrii V. Hruzevych

*Institute of Magnetism, National Academy of Sciences of Ukraine, Kyiv, Ukraine*

*Igor Sikorsky Kyiv Polytechnic Institute, Kyiv, Ukraine*

*Trypilska TPP, Ukrainka, Ukraine*

14:35 – 14:40 *Poster Presentation*

Localized nonlinear waves and their stability in a linear medium with combined linear and nonlinear metasurface

Victor S. Gerasimchuk, **Igor V. Gerasimchuk**, Valentin V. Dromov

*Igor Sikorsky Kyiv Polytechnic Institute, Kyiv, Ukraine*

*Institute of Magnetism, National Academy of Sciences of Ukraine, Kyiv, Ukraine*

14:40 – 14:45 *Poster Presentation*

Localization of nonlinear spin waves in a five-layer ferromagnetic structure

Victor S. Gerasimchuk, **Igor V. Gerasimchuk**

*Igor Sikorsky Kyiv Polytechnic Institute, Kyiv, Ukraine*

*Institute of Magnetism, National Academy of Sciences of Ukraine, Kyiv, Ukraine igor.gera@gmail.com*

14:45 – 14:50 *Poster Presentation*

Harmonic generation at low-energy particle-hole excitation in bilayer graphene

**Armenuhi Ghazaryan**, Hrant Matevosyan, Khachik Sedrakian

*Centre of Strong Fields, Yerevan State University, Yerevan, Armenia*

*Institute of Radiophysics and Electronics, National Academy of Sciences of Armenia, Ashtarak, Armenia*

14:50 – 14:55 *Poster Presentation*

High harmonic generation in plane graphene quantum dots with different shapes and edges

B. R. Avchyan, **A. G. Ghazaryan**, K. A. Sargsyan, Kh. V. Sedrakian

*Centre of Strong Fields, Yerevan State University, Yerevan, Armenia*

14:55 – 15:00 *Poster Presentation*

High harmonic generation at particle-hole multiphoton excitation in gapped bilayer graphene

H. Avetissian, A. Avetissian, **A. Ghazaryan**, G. Mkrtchian, Kh. Sedrakian

*Centre of Strong Fields, Yerevan State University, Yerevan, Armenia*

15:00 – 15:05 *Poster Presentation*

Sensing properties of solid solutions  $\text{Bi}_{1-x}\text{La}_x\text{Fe}_{1-x}\text{Ga}_x\text{O}_3$

**Anna Glinskaya**, Gennady Petrov, Nikolay Lubinskii, Natalie Krasutskaya

*Belarusian State Technological University, Minsk, Belarus*

*Belarusian State Agrarian Technical University, Minsk, Belarus*

15:05 – 15:10 *Poster Presentation*

Photocatalytic properties of solid solutions based on  $\text{Bi}_2\text{Fe}_4\text{O}_9$

**Anna Glinskaya**, Gennady Petrov, Valentin Romanovskii

*Belarusian State Technological University, Minsk, Belarus*

*Institute of General and Inorganic Chemistry, National Academy of Sciences of Belarus, Minsk, Belarus*

15:10 – 15:15 *Poster Presentation*

Superconducting nanostructured concentrator in combined magnetic field sensor

**Levan P. Ichkitidze**, Mikhail V. Belodedov, Dmitry V. Telyshev, Sergey V. Selishchev

*National Research University of Electronic Technology (MIET), Zelenograd, Moscow Region, Russia*

*I. M. Sechenov First Moscow State Medical University, Moscow, Russia*

*National Research University of Technology (BMSTU), Moscow, Russia*

15:15 – 15:20 *Poster Presentation*

Influence of the magnetic field gradient on the optical density of an aqueous dispersion containing biological material and carbon nanotubes

**L. P. Ichkitidze**, A. G. Markov, A. Yu. Gerasimenko, D. V. Telyshev, S. V. Selishchev

*National Research University of Electronic Technology (MIET), Zelenograd, Moscow Region, Russia*

*I. M. Sechenov First Moscow State Medical University, Moscow, Russia*

15:20 – 15:25 *Poster Presentation*

Influence of the surface magnetic barrier on the critical current in niobium films and the possibility of creating a highly sensitive angular displacement sensor

**Levan P. Ichkitidze**, Dmitry V. Telyshev, Sergey V. Selishchev

*National Research University of Electronic Technology (MIET), Zelenograd, Moscow Region, Russia*

*I. M. Sechenov First Moscow State Medical University, Moscow, Russia*

15:25 – 15:30 *Poster Presentation*

Surface plasmon resonance wavelength of noble metal nanoparticles

**Ludmila Ilyashenko**

*Kharkiv National University of Radio Electronics, Kharkiv, Ukraine*

15:30 – 15:35 *Poster Presentation*

Terbium monotelelluride nanofilms technology of and some electrophysical properties

**Z. U. Jabua**, A. V. Gigineishvili

*Georgian Technical University, Tbilisi, Georgia*

15:35 – 15:40 *Poster Presentation*

Efficient and continuous generation of electricity from triboelectric nanogenerators operated in the contact-separation mode by a scotch yoke system

Jiseok Kim, Reyhan Mirsultanova, Orxan Gulahmadov, **Mustafa M. Muradov**

*Nano Research Center, Baku State University, Baku, Azerbaijan*

15:40 – 15:45 *Poster Presentation*

Miracles of carbon on the nanoscale

**David Tomanek**

*Michigan State University, East Lansing, Michigan, USA*

15:45 – 15:50 *Poster Presentation*

InGaAs alloys for use in thermoelectricity

Tengiz Qamushadze, **Elza Khutsishvili**, Zurab Chubinishvili, Nana Kobulashvili

*F. Tavadze Metallurgy and Materials Science Institute, Tbilisi, Georgia*

15:50 – 15:55 *Poster Presentation*

Thermoelectric properties of layered calcium cobaltite doped by particles of cobalt, copper, and their oxides

**Andrei Klyndyuk**, Ekaterina Chizhova, Roman Latypov, Svetlana Shevchenko

*Belarusian State Technological University, Minsk, Belarus*

15:55 – 16:00 *Poster Presentation*

Effect of BN additive on thermoelectric properties of  $\text{Bi}_2\text{Sr}_2\text{Co}_{1.8}\text{O}_y$  ceramicS

**Iamze Kvartskhava**, Nikoloz Margiani, Giorgi Mumladze, Vakhtang Zhghamadze

*Institute of Cybernetics, Georgian Technical University, Tbilisi, Georgia*

16:00 – 16:05 *Poster Presentation*

Electroluminescence in molecular photodiode with applied gate potential

**Volodymyr Leonov**, Elmar Petrov, Yevhen Shevchenko

*M. M. Bogolyubov Institute for Theoretical Physics, Kyiv, Ukraine*

16:05 – 16:10 *Poster Presentation*

Synthesis of bioactive silver nanoparticles using extracts of “hairy” roots of medicinal plants

**Nadiia Matvieieva**, Dmytro Klymchuk, Olena Khainakova, Anatolij Shakhovsky, Volodymyr Duplij, Natalia Kobylinska, Mykola Kuchuk

*Institute of Cell Biology and Genetic Engineering, National Academy of Sciences of Ukraine, Kyiv, Ukraine*

*M. G. Kholodny Institute of Botany, National Academy of Sciences of Ukraine, Kyiv, Ukraine*

*University of Oviedo, Oviedo, Spain*

*Taras Shevchenko National University of Kyiv, Kyiv, Ukraine*



16:10 – 16:15 *Poster Presentation*

Influence of temperature in the growth process of Cd<sub>x</sub>Zn<sub>1-x</sub>S/PVA nanocomposites through silar METHOD

**Mustafa Muradov**, Lala Gahramanli, Ofeliya Balayeva, Goncha Eyvazova

*Nano Research Center, Baku State University, Baku, Azerbaijan*

16:15 – 16:20 *Poster Presentation*

Structural and optical characterization of Ni/NiO nanochains

S. J. Mammadyarova, M. B. Muradov, A. M. Maharramov, G. M. Eyvazova, Z. A. Aghamaliyev,

**O. O. Balayeva**

*Baku State University, Baku, Azerbaijan*

16:20 – 16:25 *Poster Presentation*

Effect of colloidal metal nanoparticles on biosynthetic activity of liquid-cultured *Inonotus Obliquus* (ACH.: PERS.) pilat

**Nataliia Poyedinok**, Oksana Mykhaylova, Nataliia Sergiichuk, Nadiia Matvieieva

Igor Sikorsky Kyiv Polytechnic Institute, Kyiv, Ukraine

*M. G. Kholodny Institute of Botany, National Academy of Sciences of Ukraine, Kyiv, Ukraine*

*Open International University of Human Development "Ukraine", Kyiv, Ukraine*

*Institute of Cell Biology and Genetic Engineering, National Academy of Science of Ukraine, Kyiv, Ukraine*

16:25 – 16:30 *Poster Presentation*

Peculiarities of the binding of cationic meso-substituted porphyrins to poly(P) and synthetic polynucleotides

**Olga Ryazanova**, Igor Voloshin, Alexander Glamazda, Larysa Dubey, Mykola Ilchenko, Igor Dubey, Victor Karachevtsev

*B. Verkin Institute for Low Temperature Physics and Engineering, National Academy of Science of Ukraine, Kharkiv, Ukraine*

*Institute of Molecular Biology and Genetics, National Academy of Science of Ukraine, Kyiv, Ukraine*

16:30 – 16:35 *Poster Presentation*

Dielectric properties of ceramics on the basis of perovskites of type  $A(R_{0.5}B_{0.5})O_3$  ( $A$ : Ba<sup>2+</sup>, Sr<sup>2+</sup>, Ca<sup>2+</sup>;  $R$ : Nd<sup>3+</sup>, Sm<sup>3+</sup>;  $B$ : Nb<sup>5+</sup>, Ta<sup>5+</sup>)

**Halina Sauchuk**, Tatiana Shitchkova

*Belarusian National Technical University, Minsk, Belarus*

*Belarusian State Technological University, Minsk, Belarus*

16:35 – 16:40 *Poster Presentation*

Synthesis of BiFeO<sub>3</sub> ferroelectric from Bi<sub>25</sub>FeO<sub>39</sub> precursor and Fe<sub>2</sub>O<sub>3</sub> oxide

**Tatiana Shitchkova**, Anna Glinskaya

*Belarusian State Technological University, Minsk, Belarus*

16:40 – 16:45 *Poster Presentation*

Low temperature magnetic properties of solid solutions based on lanthanum indatate

**Elena Yukhno**, Gennady Petrov

*Belarusian State Technological University, Minsk, Belarus*

16:45 – 16:50 *Poster Presentation*

Boron carbide and nitride nanoparticles as <sup>10</sup>B-isotope delivering agents in boron-neutron-capture-therapy

**Shio Makatsaria**, Levan Chkhartishvili, Roin Chedia, Otar Tsagareishvili

*Georgian Technical University, Tbilisi, Georgia*

*Deltamed Georgia, Siemens Healthcare Diagnostics in Georgia, Tbilisi, Georgia*

*P. Melikishvili Institute of Physical and Organic Chemistry, I. Javakhishvili Tbilisi State University, Tbilisi, Georgia*

*F. Tavadze Metallurgy and Materials Science Institute, Tbilisi, Georgia*

16:50 – 16:55 *Poster Presentation*

Thermoelectric materials based on the layered sodium cobaltite

Natalie Krasutskaya, **Anna Glinskaya**

*Belarusian State Technological University, Minsk, Belarus*

16:55 – 17:00 *Closing Remarks*