

Information about research and development group

<p>Group Leader, name, short CV up to 100 words</p>	<p>David Jishiashvili. Born in 1950.</p> <p>Graduated from the Tbilisi state university (Solid State Physics). Full Professor at the Georgian Technical University. Invited Professor at the University Henry Poincare, Nanotechnology Group, Nancy. France. Head of the Department of Nanomaterials at the Institute of Cybernetics.</p> <p><i>International projects:</i> Manager of 4 projects (ISTC-#G-059,-258,-719, SCOPES-Switzerland -IZ73Z0_1 27943), participant of 1 project (STCU#4996).</p> <p><i>Awards, memberships:</i> The first prize of the Mendeleev Chemical Society (1983); Member of the Georgian Optoelectronics Society (2000); Certified expert of the International Association of Nanotechnology (USA, 2006); Member of the Editorial Board of the Journal of Advanced Science Letters (American Scientific Publishers, 2007).</p>
<p>Main directions of R&D activities/ priorities</p>	<p>Our main research interests are the fabrication of zero dimensional (0D) and 1D nanomaterials: Development of new low temperature technologies for the growth of nitride and oxynitride nanowires; investigation of nanostructures (composition, structure, properties, application in different nanodevices)</p>
<p>Affiliation (which institute)</p>	<p>1. Institute of Cybernetics (Legal Entity of Public Law. Ministry of Education of Georgia.); 5, Euli Str., 0186, Tbilisi, Georgia. 2. Georgian Technical university. 77, Kostava Str.,0175, Tbilisi. Geprgia.</p>
<p>List of group member</p>	<ol style="list-style-type: none"> 1. Z. Shiolashvili (Senior scientist); 2. N.Makhatadze (Senior scientist); 3. V.Gobronidze (Senior scientist); 4. D.Kanchaveli (Senior scientist); 5. A.Jishiashvili (Scientist).
<p>Contact person</p>	<p>Prof. David Jishiashvili Head of the Department of Nanomaterials</p>
<p>Address and contact details: phone, fax, e-mail</p>	<p>Institute of Cybernetics 5, Euli Str., 0186, Tbilisi, Georgia. Phone: 995 32 995456; Fax: 995 32 545931; e-mail: d_jishiashvili@gtu.ge</p>

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<p>Group Leader, name, short CV up to 100 words</p>	<p>Prof. Sci Ramaz Katsarava Name: Ramaz Katsarava Born: 15 /09/ 1943 E-mail: kats@caucasus.net</p> <p>Education: 1960-1966 – graduated with first-class honors from Georgian Polytechnic Institute (Tbilisi), 1966-1969 – post-graduated from D.I.Mendeleev Institute of Chemical Technology (Moscow), 1971- Candidate of Chemical Sci. (Ph.D.) (D.I.Mendeleev Institute of Chemical Technology, Moscow), 1988 – Doctor of Chemical Sci. (A.N.Nesmeyanov Institute of Element-organic Compounds (INEOC) of Russian Academy of Sciences (Moscow))</p> <p>Work activity: 1966 – research worker, Inst. of Physical and Org. Chemistry of Georgian Acad. of Sci. (Tbilisi), 1970-1973 – research worker, A.N.Nesmeyanov Institute of Element-organic Compounds (INEOC) of Russian Academy of Sciences (Moscow), 1974-1986 – senior research worker, Inst. of Physiology of the Georgian Acad. of Sci. (Tbilisi), 1986-1998 – Head of the Laboratory, Inst. of Molecular Biology and Biophysics of the Georgian Acad. of Sci. (Tbilisi), 1993 onwards – Professor of the Georgian Technical University (GTU, Tbilisi), 1997 onwards – Head of the Research Centre for Medical Polymers & Biomaterials-US CRDF/RESCenter at GTU. 2009 onwards - Director of the Institute of Medical Polymers and Materials of I. Javakhishvili Tbilisi State University, Has over 35 years of experience in the field of the synthesis, study, and practical applications of medical polymers and biomaterials. Has more than 270 publications and hold more than 50 patents applications. Has been awarded with the World Intellectual Property Organization (WIPO) Gold Medal as Outstanding Inventor (2007).</p>
<p>Main directions of R&D activities/ priorities</p>	<p>The synthesis, study, and practical applications of medical polymers and biomaterials. On the basis of these new biodegradable polymers we obtained a variety of new therapeutic systems acting in drug sustained/controlled release fashion, including a new bio-composite wound dressing (“Artificial skin”) containing bacteriophages, We synthesized new L-arginine based polycations, they form a compact, stable nanocomplex with DNA and demonstrating a high potential for being used as non-viral carriers for gene therapy.</p>
<p>Affiliation (which institute)</p>	<p>Institute of Medical Polymers and Materials of I. Javakhishvili Tbilisi State University and Center for Medical Polymers and Biomaterials of Georgian Technical University</p>

List of group member	D. Tugushi, T. Memanishvili, N. Kupatadze, M.Gverdtsiteli, G.Otinashvili, M.Bedinashvili, N. Zavrashvili . And N. Nadirashvili, P.Toidze, Sh. Dgebuadze, G. Joxadze, N. Ochkhidze, S. Kobauri, V. Tabidze, M. Dgebuadze, M. Kharadze
Contact person	Tamar Memanishvili (PhD student) (+995 95) 34 34 50
Address and contact details: phone, fax, e-mail	Chavchavadze av. 1 (Institute of Medical Polymers &Materials) (+995 32 29 08 38) Kostava str. 69 II bild (Center for Medical Polymers& Biomaterials) (+995 32 33 49 15) tamuna-mema@caucasus.net kats@caucasus.net

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Group Leader, name, short CV	<p>Prof. Levan Chkhartishvili</p> <p><u>Professional Background:</u> 1992–to present: Georgian Technical University 2006–to present: Tavadze Institute of Metallurgy and Materials Science 2008–2010: Ilia State University 2009–2010: Liquid Light Incorporation Labs 2005–2010: Ltd “ICTEU” 1995–1996: Department of Hydrometeorology of Georgia 1993–1994: Javakhishvili Tbilisi State University 1980–1992: Scientific-Industrial Association “Mion”</p> <p><u>Areas of Expertise:</u> * Electron transport in semiconductors and dielectrics (boron, silicon, germanium, gallium arsenide, boron nitride, gallium nitride) * Isotopic effects in solids * Theoretical methods of condensed matter physics * Nanostructures</p> <p><u>Publications and Patents:</u> About 110 scientific publications, among them 4 patents</p>
Main directions of R&D activities / priorities	<ul style="list-style-type: none"> * Geometric and electronic structures of boron nitride nanosystems * Boron nanostructures * Boron carbide based nanocomposites
Affiliation (which institute)	<p>Full Professor Department of Physics Faculty of Informatics and Control Systems Georgian Technical University</p>
List of group members	<ol style="list-style-type: none"> 1. Levan Chkhartishvili 2. Tamar Berberashvili
Contact person	<p>Levan Chkhartishvili</p>
Address and contact details: phone, fax, e-mail	<p>Phones: 31 45 93, 37 19 42 Mobile: 8 99 34 07 36 Fax: (995 32) 44 11 53 E-mail: chkharti2003@yahoo.com</p>

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<p>Group Leader, name, short CV up to 100 words</p>	<p>Nikoloz Jalabadze</p> <p>Date of birth: 30.01.1951 Education: Higher, Docor Working experience (during the last five years): Project Manager of the 6 International Scientific Projects, Principal Investigator of the 2 Projects. Develop, manufacturing and investigation of nanocrystalline composite materials via synthesis and sintering. Total number of publications - 65, including those in last five years -22, number of patents - 4, number of inventions -20. Additional information: Membership of IEEE, Awards - Medal “Inventor of Soviet Union”. Knowledge of foreign languages - Russian and English.</p>
<p>Main directions of R&D activities/ priorities</p>	<p>Nanotechnology Nanocrystalline Composite Materials Nanocrystallin Hard Metals Nanocrystalline Scintillation Materials</p>
<p>Affiliation (which institute)</p>	<p>Technical University of Georgia (GTU) Republic Center for Structure Reseaches (RCSR) Institute of Physical Material Science (IPMS)</p>
<p>List of group member</p>	<p>Lili Nadaraia Levan Khundadze Valeri Nadaraia Besik Eristavi Nodar Maisuradze Giorgi Tsertsvadze</p>
<p>Contact person</p>	<p>Nikoloz Jalabadze</p>
<p>Address and contact details: phone, fax, e-mail</p>	<p>77, Kostava Str., Tbilisi 0175, Georgia Technical University of Georgia (GTU) Republic Center for Structure Reseaches (RCSR) Institute of Physical Material Science (IPMS) Phone/Fax: (995 32) 332197 e-mail: jalabadze@gtu.ge, jalabadze@ipms.ge</p>

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<p>Group Leader, name, short CV up to 100 words</p>	<p><i>Tamaz Marsagishvili</i> Citizen of Georgia. Degrees: 1991 - Doctor of Sciences (Physics and Mathematics) at L.Karpov Scientific-research Institute of Physics and Chemistry, Moscow, Russia. 1985 - Candidat of Sciences (Physics and Mathematics) at I.Javakhishvili Tbilisi State University, Tbilisi, Georgia, 1973 – Specialist (Theoretical Physics; analogous to Master of Science degree) at I.Javakhishvili Tbilisi State University, Tbilisi, Georgia. Education: 1974 -77 - postgraduate course, A.Frumkin Institute of Electrochemistry of USSR Academy of Sciences, Moscow; 1968 -73 – student, I.Javakhishvili Tbilisi State University, Tbilisi, Georgia. Professional Appointments: 2007 - till now - Head of Scientific Council R.Agladze Institute of Inorganic Chemistry and Electrochemistry (IICE); 1985 - till now - Head of the R. Dogonadze theoretical research department at the IICE</p>
<p>Main directions of R&D activities/ priorities</p>	<p>Kinetics of chemical, electrochemical, photochemical and photoelectrochemical reactions, electronic-vibrational and Raman spectroscopy of polyatomic particles in condensed media, spreading of electromagnetic waves in irregular condensed (including nano) systems, radiospectroscopy.</p>
<p>Affiliation (which institute)</p>	<p>R.Agladze Institute of Inorganic chemistry and Electrochemistry</p>
<p>List of group member</p>	<p>G.Tatishvili, M.Machavariani, N.Ananiashvili, N.Dvali, M.Gachechiladze, J.Metreveli, M.Chankashvili</p>
<p>Contact person</p>	<p>Tamaz Marsagishvili</p>
<p>Address and contact details: phone, fax, e-mail</p>	<p>11, Mindeli str., Tbilisi, R.Agladze Institute of Inorganic chemistry and Electrochemistry Phone: 301830, 899190172. Fax: 301830. E-mails: tmars@geo.net.ge, tmars-iice@caucasus.net</p>

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<p>Group Leader, name, short CV up to 100 words</p>	<p>Prof. Tamaz Butkhuzi e-mail: tamazbutkhuzi@yahoo.com Work Experience: 1972 – 1980 Institute of Cybernetic, Georgia, Tbilisi. 1983 –1991 P. Lebedev Physics institute, USSR , Moscow. 1991-2005 – Tbilisi State University, Tbilisi, Georgia. 2005 up to now – Tbilisi State University, Tbilisi, Georgia, Head of laboratory. Publications: 52 publications; 25 international publications; 3 Authors Certificates; 39 International Conferences; More then 100 citation index. Awards Received: 1993 and 1993 – 1996 – ISF Grant (RVD 000); 1997 – 2000 DST Grant; 2001-2003 R&D Collaborative Grant (CRDF); Georgian National Science Foundation Grants: 2005-2006; 2008-2009; 2008-2010.</p>
<p>Main directions of R&D activities/ priorities</p>	<p>We have elaborated a new, original Radical Beam Quasi Epitaxy (RBQE) method. The RBQE method enables us to control electro-optical properties of basic ZnO crystal as well as of new ZnO layers. Thickness of epitaxial layers obtained under RBQE varies from 10nm to 15×10^4 nm. RBQE technology can give a possibility: To improve quality of p-type ZnO films obtained on the basis of ZnO; To obtain degradation resistant p-i-n and p-n junction on the basis of ZnO/ZnO; To obtain UV LED on the basic ZnO/ZnO; To obtain ZnO:Mn:Te/ZnMnTeO/ZnO multi-functional structure for solar cells.</p>
<p>Affiliation (which institute)</p>	<p>Tbilisi State University, Tbilisi, Georgia</p>
<p>List of group member</p>	<p>T. BUTKHUZI, M. SHARVASHIDZE, T. KHULORDAVA, N. GAPISHVILI, R. MELKADZE, E. KEKELIDZE, L. APTSIAURI, N. BUKHSIANIDZE, L. TRAPAIIDZE, SH. MIRIANASHVILI, T. QAMUSHADZE, L GAPISHVILI, M. TIGISHVILI</p>
<p>Contact person</p>	<p>Maia Sharvashidze Nana Bukhsianidze</p>
<p>Address and contact details: phone, fax, e-mail</p>	<p>3 Chavchavadze Ave. Tbilisi, Georgia (+995 99) 29 99 67 maisharvashidze@yahoo.com nanamer_2000@yahoo.com</p>

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The Influence of Substitution on Spiropyran Dipole Moment

K. Japaridze, L. Devadze, J. Maisuradze, N. Sepashvili, M.Gugava

Group Leader, name, short CV up to 100 words	<p>Kokhta Japaridze -was born in Oni, Georgia, in 1929. He graduated from the Chemical faculty of Tbilisi State University in 1952 and received the D.Sc. degrees in chemistry from the same university in 1972.</p> <p>Since 1956 to 2002 he has been assistant, assistant professor, and professor at Tbilisi State University. From 1961 to 2006 Chief of Department of optical-chemical researches, Assistant Director in scientific part and since 2006 Head Scientific Fellow at the Institute of Cybernetics, Tbilisi, Georgia. From 1989 Member of European Photochemical Society, from 1993 academician of Georgian National Academy of Sciences.</p>
Main directions of R&D activities/ priorities	Synthesis and physical-chemical research of photochromic compounds.
Affiliation (which institute)	L.E.P.L. Vladimer Chavchanidze Institute of Cybernetics, Tbilisi
List of group member	<p>Lali Devadze- Ph.D.,Senior Researcher at Department of Optically controlled anisotropic systems at the Institute of Cybernetics, Georgia.</p> <p>Jimsher Maisuradze- D.Sc., Chief of Laboratory at Department of Optically controlled anisotropic systems, Institute of Cybernetics, Georgia.</p> <p>Nino Sepashvili -Ph.D.,Senior Researcher at Department of Optically controlled anisotropic systems at the Institute of Cybernetics, Georgia.</p> <p>Mzia Gugava – leading engineer at Department of Optically controlled anisotropic systems at the Institute of Cybernetics, Georgia.</p>
Contact person	Lali Devadze
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Nanostructures of Spiropyrans Based on Pyridoxals

K. Japaridze, L. Devadze, J. Maisuradze, I. Mzhavanadze , N. Sepashvili

Group Leader, name, short CV up to 100 words	<p>Kokhta Japaridze -was born in Oni, Georgia, in 1929. He graduated from the Chemical faculty of Tbilisi State University in 1952 and received the D.Sc. degrees in chemistry from the same university in 1972.</p> <p>Since 1956 to 2002 he has been assistant, assistant professor, and professor at Tbilisi State University. From 1961 to 2006 Chief of Department of optical-chemical researches, Assistant Director in scientific part and since 2006 Head Scientific Fellow at the Institute of Cybernetics, Tbilisi, Georgia. From 1989 Member of European Photochemical Society, from 1993 academician of Georgian National Academy of Sciences.</p>
Main directions of R&D activities/ priorities	Synthesis and physical-chemical research of photochromic compounds.
Affiliation (which institute)	L.E.P.L. Vladimer Chavchanidze Institute of Cybernetics, Tbilisi
List of group member	<p>Lali Devadze- Ph.D.,Senior Researcher at Department of Optically controlled anisotropic systems at the Institute of Cybernetics, Georgia.</p> <p>Jimsher Maisuradze- D.Sc., Chief of Laboratory at Department of Optically controlled anisotropic systems, Institute of Cybernetics, Georgia.</p> <p>Izolda Mzhavanadze- Ph.D., Research Scientist at Department of Optically controlled anisotropic systems, Institute of Cybernetics, Georgia.</p> <p>Nino Sepashvili -Ph.D.,Senior Researcher at Department of Optically controlled anisotropic systems at the Institute of Cybernetics, Georgia.</p>
Contact person	Kokhta Japaridze
Address and contact details: phone, fax, e-mail	0186, Tbilisi,Sandro Euli str. 5 18-77-59, e-mail: kokhtaja@yahoo.com

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Group Leader, name, short CV up to 100 words	<p>CV Chkheidze Irina</p> <p>1959-graduate from the Physics department of Tbilisi State University. 1959-1967-employe of research Institute of Physicks of Georgian Academy of Sciences. 1967-1972-Assistant-Professor of The informational –measuring of Georgian Technical University. 1972 – Degree of PhD conferred by Georgian Technical University. 1975 – the informational-measuring is comfirmed in a rank of the senior lector on chair. 1903- Degree of doctor of Technical sciences conferred by Georgian Technical University. 1996- was conferred on Irina Chkheidze the seientific-pedagogical title of the Professor by specialization of Data Processing and control systems. From 1993 to ouer time - Professor of Data Processing and Systems Department of GTU.</p>
Main directions of R&D activities/ priorities	<p>Chkheidze’s scientific interests are in the field of image Coding and signals processing, focusing on the problems of their implemeutation in Bio and Nano medical imaging and dynamic sistems. Implementation innovative information Technologies (Wavelet, Fractals and Dynamic chaos theory) in Bio and Naonomedicine.</p>
Affiliation (which institute)	Georgian Technical University
List of group member	Tokadze Lali
Contact person	Chkheidze Irina
Address and contact details: phone, fax, e-mail	<p>Chkheidze Irina tel: 36-26-90; (893) 208033; (897) 208033 e-mail: irmikh2002@mail.ru Tokadze Lali tel 96 80 59; (855) 58 73 03 e-mail: giolala@rambler.ru</p>

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<p>Group Leader, name, short CV up to 100 words</p>	<p>Zurab Jibuti, Doctor of Science in Physics and Mathematics. Head of Department of the research Institute” Micro and nanoelectronics“ in Iv. Javakhishvili Tbilisi State University. Head of scientific council of the research Institute „TALGA“.</p> <p>Author of more than 100 scientific publications in the field of micro & nanoelectronics. Participant of 4 ISTC grants and 4 GNSF grants. Scientific adviser of ICARTI organization. Member of Georgian National Section of Euroscience. The expert of IncoNet EECA Project Funded under the EU FP7 “Information and Communication Technologies”. The expert of GNSF. The biography Z.Jibuti is published in the edition of 2010 Who's Who in the World (USA)</p>
<p>Main directions of R&D activities/ priorities</p>	<p>Micro and nanoelectronics; Photo stimulated processes in solid states; Ion implantation; Pulse annealing; Nonconventional energy sources.</p>
<p>Affiliation (which institute)</p>	<p>Ivane Javakhishvili Tbilisi State University</p>
<p>List of group member</p>	<p>Zurab Gogua Sergei Avsarqisov Zurab Kushitashvili Georgi Iosebidge</p>
<p>Contact person</p>	<p>Zurab Jibuti</p>
<p>Address and contact details: phone, fax, e-mail</p>	<p>43I.Gogebashvili str. Tbilisi , 0179, Georgia Mobile(+995 55) 226 539 Office (+995 32) 227 360 Home (+995 32) 226 539 Fax: (+995 32) 220 626 Email: dzura@yandex.ru</p>

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<p>Group Leader, name, short CV up to 100 words</p>	<p><u>Dr. Arkadi Danelyan</u>, born in 1937 in Tbilisi. Graduated from the Tbilisi State University in 1959 (in radio physics). In 1959-1965 worked in scientific-industrial Association “Analitdevice” (Tbilisi). In 1965-1968 he was “Aspirant” in the D.I. Mendeleev Scientific and Research Institute for Metrology – VNIIM (Leningrad). From 1968 onwards he works in the State Scientific Research Institute of Standardization, Metrology and Certification - renamed National Metrology Institute of Georgia (Tbilisi). He got his candidate degree in 1970 in Leningrad from the Mendeleev Institute of Metrology. He is author of 101 publications and USSR invention certificates and patents. He was head of Laboratory of the time and frequency metrology methods. In 1996 he was elected as a Foreign Member of the Metrological Academy of Russian Federation.</p>
<p>Main directions of R&D activities/ priorities</p>	<p>Development of methods of united measurements of length, time, frequency and phase on the basis of optical delays. Development of the new precision frequency methods of the nanoscale measurements with picometer resolution.</p>
<p>Affiliation (which institute)</p>	<p>National Metrology Institute of the Georgian National Agency for Standards, Technical Regulations and Metrology.</p>
<p>List of group member</p>	<p>Dr. Devi Garibashvili ; Ing. Samvel Mkrtichyan; Dr. Rauli Kankia; Ing. Stanislav Shotashvili; Dr. Ilia Lomidze ; Ing. Vladimir Danelyan</p>
<p>Contact person</p>	<p>Dr. Arkadi Danelyan Dr. Devi Garibashvili</p>
<p>Address and contact details: phone, fax, e-mail</p>	<p>adanelyan@mail.ru devigar@mail.ru</p>

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<p>Group Leader, name, short CV up to 100 words</p>	<p>Nodar Kekelidze, Professor, Dr, Honour worker of Science, Director of Material Research Institute of Javakhishvili Tbilisi State University (TSU), Full Professor of Georgian Technical University. 1957-1961 Lebedev Physics Institute of Academy of Science of the USSR (Moscow)-post graduate course 1961-1965 Head of TSU Problem Laboratory of Semiconductor Physics 1965-2006 Head of organized by him Semiconductor Materials Research Laboratories 1981-1993 Vice Rector of TSU Awards: Prize of Melikishvili, Georgian High Education Republic Prize, Energetic Ministry Prize, Gold medal from Leipzig Exhibition, Highest award-honorary diploma and medals from Soviet Exhibitions, Soros Professor, Honour Order. Author of 260 publications and 17 inventions, he supervised 17 Ph.Ds, co-author of textbook for Soviet University Sistem. He received 15 Grants (NATO, EU, CRDF, GRSF, STCU at all)</p>
<p>Main directions of R&D activities/ priorities</p>	<p>Nanotechnologies – Preparation of: Metal Oxides Nanoparticuls, Cucpenzies, Radiation Technology, Nanophotoelements, Physics and Chemistry of Semiconductors, and High Temperature Superconductors, Zeolites, Materials Science, Technology of Semiconductors, Materials and Devices, Radiation Physics and Chemistry, Ecology.</p>
<p>Affiliation (which institute)</p>	<p>Materials Research Institute of Tbilisi State University</p>
<p>List of group member</p>	<p>David Kekelidze-vice group leader, Doctor Lali Axalbedashvili- vice group leader, Profeccor, Doctor Elza Khutsishvili- Doctor Teimuraz Jakhutashvili- Doctor Eremia Tulashvili- Doctor Bella Kvirkvelia- Senior Scientist Anzor Vepkhvadze- Senior Scientist David Khomasuridze-graduate student</p>
<p>Contact person</p>	<p>Bella Kvirkvelia</p>
<p>Address and contact details: phone, fax, e-mail</p>	<p>1 Chavchavadze ave., 0128 Tbilisi, Geogia +995 32 29 08 26, 893 277791 Iza_be_ll@yahoo.com</p>

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Group Leader, name, short CV	Prof. Nelly Tsibakhahsvili, Doctor of Phys.-Math.Sci, Director of Institute of Applied Physics, Ilia State Univrsity, Tbilisi, Georgia Leading researcher at Andronikashvili Institute of Physics, Tbilisi, Georgia
Main directions of R&D activities/ priorities	<p>Microbial synthesis of nanoparticles, specifically:</p> <ul style="list-style-type: none"> • Intensive screening of microbes to evaluate their ability to produce metallic and semiconductor nanoparticles; • Development a detailed procedure of nanoparticle synthesis for selected microbial strain; • Characterization of physical and chemical properties of biosynthesized nanoparticles; • Understanding of biochemical and genetic mechanisms of nanoparticle production by selected microbial strain
Affiliation	Ilia State Univrsity, 32, Chavchavadze Ave., Tbilisi 0179, Georgia Andronikashvili Institute of Physics, 6, Tamarashvili Str., Tbilisi 0177, Georgia
List of group member	Prof. Tamaz Kalabegishvili, Prof. Ivane Murusidze, Dr. Dodo Pataraya, Dr. Alexander Rcheulishvili, Dr. Manana Gurielidze, Dr. Elena Kirkesali, Dr. Valery Barnov, Dr. Nana Kuchava, Etery Gintury, PhD students: David Gvarjaladze, Levan Lomidze, Rcheulishvili
Contact person	Prof. Nelly Tsibakhashvili
Address and contact details: phone, fax, e-mail	+99532 396716 (s); +99532965680 (h); +99599 938780 (mob) nelly_tsibakhashvili@yahoo.com nelly_tsibakhashvili@iliauni.edu.ge

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Group Leader, name, short CV	<p>Amiran Bibilashvili. Born in 1947. Graduated from the Tbilisi State University (Solid State Physics). Doctor of Science in Physics and Mathematics, Professor. The assoc. Professor at the Iv. Javakhishvili Tbilisi State University. Director of the research Institute” Micro and nanoelectronics“ in Iv. Javakhishvili Tbilisi State University. Member of senate of TSU (2006-2010). Author of more than 100 scientific publications in the field of micro & nanoelectronics. The author of 11 patents (2 USA). Participant of ISTC grant and 4 GNSF grants. Awards: The medal of inventor (1986); Prize and medal of “Georgian science history society” (2009).</p>
Main directions of R&D activities/ priorities	<p>Micro and nanoelectronics; Low temperature technology of manufacturing of IC, with photo- and catalyzing stimulated. Forming of a nano-structures and investigation their properties.</p>
Affiliation	<p>Iv. Javakhishvili Tbilisi State University</p>
List of group member	<p>Avto Tavkhelidze, Nugzar Dolidze, Zakhar Taliashvili, Zurab Kushitashvili, Larisa Jangidze, Revaz Guliaevi.</p>
Contact person	<p>Prof. Amiran Bibilashvili.</p>
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