
Authors' Information

**ASLANYAN Levon**

Professor, Dr., Institute for Informatics and Automation Problems, NAS Armenia
P.Sevak St. 1, Yerevan-14, Armenia

Main research areas: classification, forecasting, data mining.

e-mail: lasl@ipia.sci.am

**BECKER Matthias**

Professor, Dr., Darmstadt University of Technology
Petersenstr. 30, 64287 Darmstadt, Germany

e-mail: becker@ipg.tu-darmstadt.de

**BILOUS Nataliya**

Ph.D., head of ITLCVS laboratory, professor of Kharkov National University of Radio Electronics, Lenin Prospect 14, Kharkiv 61166, Ukraine

Main research areas: image processing, segmentation and recognition, building of computer vision system, computer testing and learning systems.

e-mail: Bilous@kture.kharkov.ua

**BOJILOV Venko**

Application engineering, Business modeling: General Insurance (Bulstrad PLC BG);
INSPIRE transposition: Consultancy (ASDE BG)

Main research areas: complex process analyzes; complex functional models; risk management & mitigation; Earthquake risk management.

**BONDARENKO Michael**

PhD, professor, corresponding member of NAS of Ukraine, rector of Kharkov National University of Radio Electronics, research leader of ITLCVS laboratory, Lenin Prospect 14, Kharkiv 61166, Ukraine

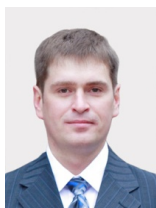
Main research areas: artificial intelligence.

**BORISENKO Victor**

PhD, Head of department, Research & Design Institute for Gas Transportation,
Marshala Koneva Street 16, Kharkiv 61004, Ukraine;

Main research areas: modern information technologies, corporate information system, enterprise database, complex system simulation, programming methodology.

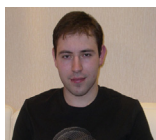
e-mail: vborisenko@itransgaz.com

**BUGRIY Andriy**

PhD, Senior Lecture, Kharkiv National University of Radio and Electronics (KHNURE), Lenin Prospect 14, Kharkiv 61166, Ukraine;

Main research areas: models, methods and algorithms of 3D images synthesis, structures of the digital visualization systems.

e-mail: abugriy@kture.kharkov.ua

**BURAK Pavel**

Petersburg State Transport University, department of Informatics and Information safety; 190031, Russia, Saint-Petersburg, Moskovskij prospect, 9

e-mail: wistle3b@gmail.com

**DEPAIRE Benoit**

Universiteit Hasselt; Campus Diepenbeek; Department of Applied Economic Sciences; Research Group Data Analysis & Modelling

Wetenschapspark 5; bus 6; BE-3590 Diepenbeek; Belgium

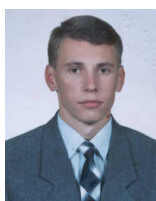
Main research areas: data mining and knowledge discovery

e-mail: benoit.depaire@uhasselt.be

**DIMITROVA Romyana**

Master student, University of National and World Economy – Sofia, Bulgaria;

e-mail: dimitrova_rumyana@yahoo.com

**GALELYUKA Igor**

Senior research fellow, PhD, V.M. Glushkov Institute of Cybernetics of National Academy of Sciences of Ukraine, Kiev, Ukraine

e-mail: galib@gala.net

**GLADUN Victor**

Professor, V.M. Glushkov Institute of Cybernetics of National Academy of Sciences of Ukraine, Kiev, Ukraine

**GOLODNIKOV Alexandr**

Senior research fellow, PhD, V.M. Glushkov Institute of Cybernetics of National Academy of Sciences of Ukraine, Kiev, Ukraine

e-mail: al_gol2006@ukr.net

**HAARBRINK Roland**

Director of the Dutch company "MIRAMAP" for radiometric mapping (Techn. Inc. of European Space Ag.), Netherlands

Main research areas: Earth observation, multispectral remote sensing of the environment, microwave radiometry, MCW mapping.

E-mail: rhaarbrink@yahoo.com

**HRUSHA Volodymyr**

Research fellow, V.M. Glushkov Institute of Cybernetics of National Academy of Sciences of Ukraine, Kiev, Ukraine

e-mail: vrusha@gmail.com

**ILINA Elena**

The Swedish radiation safety authority, Department of nuclear safety, System assessments

Solna Strandväg 122, 17 154 Solna, Sweden

e-mail: elena.ilina@ssm.se

**IVANOVA Krassimira**

Researcher, Institute of Mathematics and Informatics, BAS

Acad. G.Bontchev St., bl.8, Sofia-1113, Bulgaria

Main research areas: image processing, data mining, knowledge retrieval.

e-mail: kivanova@math.bas.bg

**IVANOVA Krassimira B.**

Assistant professor, University of National and World Economy – Sofia, Bulgaria;

e-mail: krazy78@mail.bg

**IVANOVA Natalia**

Ph.D.(Tech), Associated Professor of Petersburg State Transport University, department of Informatics and Information Safety

190031, Russia, Saint-Petersburg, Moskovskij prospect, 9

e-mail: natali_iv@rambler.ru

**KIRILYUK Vladimir**

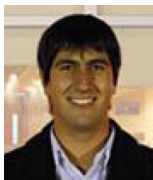
Leading researcher, PhD, ScD, V.M. Glushkov Institute of Cybernetics of National Academy of Sciences of Ukraine, Kiev, Ukraine

e-mail: vkirilyuk@i.ua

**KNOPOV Pavel**

PhD, ScD, Prof., V.M. Glushkov Institute of Cybernetics of National Academy of Sciences of Ukraine, Kiev, Ukraine

e-mail: Knopov1@yahoo.com

**KOBZAR Gleb**

Researcher of ITLCVS laboratory, Kharkov National University of Radio Electronics, Lenin Prospect 14, Kharkiv 61166, Ukraine;

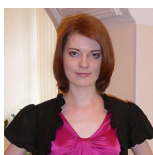
Main research areas: image processing and shape based recognition, computer graphics, and computer vision systems.

e-mail: spwar.3dm@gmail.com

**KOLEV Nikola**

Doctor of Sciences, Professor, Institute of Soil Science "Nikola Poushkarov", Sofia, Bulgaria

e-mail: nvkolev@mail.bg

**KOROBUKINA Olga**

Post Graduate Student of Petersburg State Transport University, department of Informatics and Information safety

190031, Russia, Saint-Petersburg, Moskovskij prospect, 9

e-mail: Olga_korobulina@list.ru

**KRAPIVIN Vladimir**

Prof., Doct. of Sci., Head of Department, Institute of Radio engineering and Electronics, Russian Academy of Sciences, Acad. Vvedenskij Sq.1, 141190 Moscow region, Fryazino, Russia

Main research areas: development and application of a geo-information monitoring system technology for remote sensing.

e-mail: vfk@ms.ire.rssi.ru

**KRAVCHENKO Oleksii**

PhD Student, Space Research Institute NASU-NSAU, Glushkov Prospekt 40, build. 4/1, Kyiv 03680, Ukraine.

Main research areas: inverse modeling, pattern recognition, remote-sensing data processing, parallel algorithms, GRID computing.

**KRISILOV Anatolij**

PhD, Assoc. Prof., Senior Researcher, Institute for Information Technologies of Odessa State Academy of Refrigeration; Corresponding member and adviser of the Ukrainian Ecological Academy of Sciences, Odessa, Ukraine.

Main research areas: decision-making, artificial intelligence, pattern recognition, geoinformation system, regional and urban socio-economic development.

e-mail: adkrissilov@list.ru

**KRISILOV Victor**

Prof., Doct. of Sci., Chair of System Programming Department, Odessa State Polytechnic University, Odessa, Ukraine

Main research areas: artificial intelligence, information processing formalization, quality and technology assessment, neuron networks.

E-mail: krissilovva@mail.ru

**KUSSUL Nataliia**

Deputy Director, Space Research Institute NASU-NSAU, Glushkov Prospekt 40, build. 4/1, Kyiv 03680, Ukraine

Main research areas: grid computing, design of distributed software systems, parallel computations, intelligent data processing methods, Sensor Web, neural networks, satellite data processing, risk management and space weather.

e-mail: inform@ikd.kiev.ua

**KUZEMIN Alexandr**

Doctor of Sciences, Prof. of Information Department, Kharkov National University of Radio Electronics, Head of IMD, (Ukraine)

e-mail: kuzy@kture.kharkov.ua

**LYASHENKO Vyacheslav**

Senior research Fellow of problem-research laboratory "Transfer-Informational Technologies in the Management of Emergent situations", Research Department, Kharkov National University of Radio Electronics, Kharkov, Ukraine

**MAKIVSKY Dmitry**

Engineer of ITLCVS laboratory. Kharkov National University of Radio Electronics, Lenin Prospekt 14, Kharkiv 61166, Ukraine

Main research areas: image processing, segmentation and recognition, building of computer vision system.

e-mail: mak.spectrum@gmail.com

**MARKOV Krassimir**

Assoc. Prof., PhD, Institute of Mathematics and Informatics, BAS, Acad. G.Bontchev St., bl.8, Sofia-1113, Bulgaria

Main research areas: data bases, multimedia data bases, information systems, data mining, knowledge retrieval, theoretical information research.

e-mail: markov@foibg.com

**MILENOV Kristian**

Architect, Assoc. Prof., Executive director of Agency for Sustainable Development and Eurointegration-ECOREGIONS, Sofia; member of GEO HLWG.

Main research areas: sustainable development, sustainable urban planning, energy efficiency & environmental architecture, RES, eco-auditing, GIS, remote sensing applications, risk and security management

**MILENOV Pavel**

National Expert at the Joint Research Centre of the European Commission in Ispra, Italy; Member of the staff of the Agency for Sustainable Development and Eurointegration; one of the founders of Remote Sensing Application Center.

Main research areas: GIS and remote sensing, land cover/land use mapping, image processing, land management and urban planning, infrastructure monitoring and control of the EU agriculture subsidies using satellite imagery.

**MILENOVA Lyudmila**

Executive director of Remote Sensing Application Center – ReSAC; member of Bulgarian Aerospace Agency.

Main research areas: remote sensing and GIS in decision making for agricultural and environmental management, land cover/land use, soil and forest inventory, water resources, environmental hazards, urban planning, infrastructure.

**MILEV Georgi**

Professor, Dr., Corresponding Member of Bulgarian Academy of Sciences
Institute of Water Problems of BAS

Bulgaria, 1113 Sofia, Acad. G. Bonchev Str., Bl. 1

e-mail: milev@bas.bg

**MILEV Ivo**

Dr., Technet – rail 20-10 GmbH

Berlin, Germany

e-mail: Ivo.milev@technet-rail.de

**MITOV Iliya**

PhD Student of the Institute of Mathematics and Informatics, BAS and Hasselt University, Belgium

Main research areas: data mining, knowledge retrieval, data bases, information systems, ERP-systems

e-mail: mitov@foibg.com

**NENOV Martin**

PhD, Institute of Soil Science "Nikola Poushkarov",
Sofia, Bulgaria

e-mail: nenov.martin@gmail.com

**NICKOLOV Eugene**

Prof., DSc, PhD, Eng, National Laboratory of Computer Virology, Bulgarian Academy of Sciences, Regular lecturer at New Bulgarian University

Main research areas: Computing Systems, Computer Virology, Information Security

e-mail: eugene@nlcv.bas.bg

**NORIKIN Vladimir**

V.M. Glushkov Institute of Cybernetics of the National Academy of Sciences of Ukraine, Leading research fellow, Doctor of Sciences, Kiev, Ukraine

e-mail: norkin@i.com.ua

**NOVICHKHIN Eugenij**

Leading Researcher, Institute of Radio engineering and Electronics, Russian Academy of Sci., Acad. Vvedenskij Sq.1, 141190 Moscow region, Fryazino, Russia

Main research areas: development and implementation of radio-physical methods for soil moisture assessment, microwave radiometry and mapping, Earth observation.

E-mail: epnov@mail.ru

**OSTROUSHKO Andrii**

PhD, Associate Professor, Kharkiv National University of Radio and Electronics (KHNURE), Lenin Prospect 14, Kharkiv 61166, Ukraine;

Main research areas: computer graphics, ray tracing, digital visualization systems.

e-mail: osa@kture.kharkov.ua

**PALAGIN Aleksandr**

Doctor of technical sciences, Professor,

Academician of National Academy of Sciences of Ukraine,

Depute-director of V.M. Glushkov's Institute of Cybernetics of National Academy of Sciences of Ukraine, Prospect Akademika Glushkova 40, Kiev-187, 03680, Ukraine

e-mail: palagin_a@ukr.net

**PEPELYAEV Vladimir**

PhD, ScD., V.M. Glushkov Institute of Cybernetics of National Academy of Sciences of Ukraine, Kiev, Ukraine

e-mail: Emk160@gmail.com

**POLIMIROVA Dimitrina**

PhD, Research Associate, National Laboratory of Computer Virology, Bulgarian Academy of Sciences, Part-time lecturer at New Bulgarian University

Main research areas: Computer virology, Information Security of File objects, Methods of Compression

e-mail: polimira@nlcv.bas.bg

**RACHKOVSKIJ Dmitri**

PhD, DSc, Leading Research Scientist, International Research and Training Center for Information Technologies and Systems, NAS and MES of Ukraine; Pr. Acad. Glushkova, 40, Kiev, 03680, Ukraine; e-mail: dar@infrm.kiev.ua; <http://dniprt.irtc.org.ua/>

Main research areas: Computational and Artificial Intelligence

**RADKOV Radko**

Dipl.Eng. Project manager in IT development and RS/GIS technology programs in STALKER Ltd, ASDE and ReSAC.

Main research areas: map analyses, fast track services for disaster management, creation of reliable database, control, and revision by space imagery, land cover mapping, and development of GIS based system for monitoring linked with control devices for dynamic data provision, satellite imagery orthorectification, DEM creation.

**REVUNOVA Elena**

PhD, Research Scientist, International Research and Training Center for Information Technologies and Systems, NAS and MES of Ukraine; Pr. Acad. Glushkova, 40, Kiev, 03680, Ukraine;

Main research areas: Signal Processing

e-mail: [egrevunova \(at\) gmail.com](mailto:egrevunova@gmail.com); <http://dnipt.irtc.org.ua/>

**ROMANOV Volodymyr**

Doctor of Sciences, Professor, Head of Department in V.M. Glushkov Institute of Cybernetics of National Academy of Sciences of Ukraine

e-mail: VRomanov@i.ua, dept230@insyg.kiev.ua

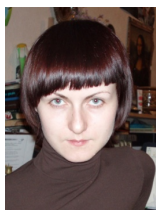
**SAHAKYAN Hasmik**

PhD, Leading Researcher, Institute for Informatics and Automation Problems, NAS Armenia

P.Sevak St. 1, Yerevan-14, Armenia

Main research areas: data mining, discrete mathematic.

e-mail: hasmik@ipia.sci.am

**SARAKHAN Yevgeniya**

Research fellow, PhD, V.M. Glushkov Institute of Cybernetics of National Academy of Sciences of Ukraine

e-mail: sarakhan2006@ukr.net

**SHELESTOV Andrii**

Senior Scientist, Space Research Institute NASU-NSAU, Glushkov Prospekt 40, build. 4/1, Kyiv 03680, Ukraine;

Main research areas: Grid computing, intelligent methods of estimation and modeling, satellite data processing, Sensor Web, neural networks, multi-agent simulation and control, software engineering, distributed information systems design.

e-mail: inform@ikd.kiev.ua

**SHUTKO Anatolij**

Prof., Doct. of Sci., Head of Laboratory, Institute of Radio engineering and Electronics, Russian Acad. of Sci.; leading researcher in radio-constructing concern "Vega", Moscow, Russia. Corr. member and adviser of the Ukrainian Ecological Acad. of Sci.

Main research areas: Earth observation, multispectral remote sensing of the environment, development and implementation of radio-physical methods for soil moisture assessment, microwave radiometry, development of a geo-information monitoring system and advanced technologies for remote sensing.

E-mail: anshutko@hotmail.com

**SIDOROV Igor**

Leading researcher in Radio-Constructing Concern "Vega", Moscow, Russia.

Main research areas: microwave radiometry, new MCW technique elaboration, multispectral remote sensing.

E-mail: igor__sidorov@mail.ru

**SKAKUN Sergii**

Senior Scientist, Space Research Institute NASU-NSAU, Glushkov Prospekt 40, build. 4/1, Kyiv 03680, Ukraine

Main research areas: remote sensing data processing (optical and radar), image processing, grid computing, sensor web, neural networks, analysis of computer system's users behavior.

e-mail: serhiy.skakun@ikd.kiev.ua

**STANGL Guenter**

Dr., Space Research Institute, Austrian Academy of Sciences

Schmiedlstrasse 6, A-8042 Graz, Austria

e-mail: guenter.stangl@oeaw.ac.at

**STUPINA Tatyana**

Senior research fellow, PhD, Trofimuk Institute of Petroleum-Gas Geology and Geophysics of SBRAS, Novosibirsk, Russia

e-mail: stupinata@ipgg.nsc.ru

**VANHOOF Koen**

Professor, Universiteit Hasselt; Campus Diepenbeek; Department of Applied Economic Sciences; Research Group Data Analysis & Modelling.

Wetenschapspark 5; bus 6; BE-3590 Diepenbeek; Belgium

Main research areas: data mining, knowledge retrieval.

e-mail: koen.vanhoof@uhasselt.be

**VASSILEVA Keranka**

Assoc. Prof., Dr., Central Laboratory of Geodesy, Bulgarian Academy of Sciences Bulgaria, 1113 Sofia, Acad. G. Bonchev Str., Bl. 1

E-mail: ker@bas.bg

**VELYCHKO Vitalii**

Senior research fellow, PhD, V.M.Glushkov Institute of Cybernetics of NAS of Ukraine Prosp. Akad. Glushkov, 40, Kiev-03680, Ukraine

Main research areas: data mining, knowledge retrieval, NLP processing.

e-mail: velychko@aduis.com.ua