



Third International Scientific – Practical Conference

DEDICATED TO THE “SHUSHA YEAR”

**“MODERN INFORMATION, MEASUREMENT
AND CONTROL SYSTEMS: PROBLEMS, APPLICATIONS
AND PERSPECTIVES’2022” (MIMCS’2022)**

November 4-5, 2022, Antalya, Turkey



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ASOIU, Azerbaijan, Baku, Azadlig avenue 20, AZ 1010



Kadriye Mah. Celal Bayar Cad. No:5-6, Antalya, Türkiye

We invite you to participate in the 3rd International Scientific-Practical Conference on **«MODERN INFORMATION, MEASUREMENT AND CONTROL SYSTEMS: PROBLEMS, APPLICATIONS AND PERSPECTIVES 2022 (MIMCS'2022)»** International Scientific-Practical Conference covers wide engineering areas related with technology advances and applications of control systems.

Partner institution:

University of Bourgogne Franche-Comté (France)
Antalya Akev University (Turkey)
National Technical University "KPI", Kharkiv, (Ukraine)
University of Minho (Portugal)

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Amalya Hasanova., associate prof. (Azerbaijan)
Akif Khidirov, assoc. prof. (Azerbaijan)

Participation form: poster, off-line, online

Working languages: English

Important dates:

Deadline:

21.10.2022

Registration of participants, submission
of materials for review

Till 25.10.2022

Notification for acceptance of documents

04-05.11.2022

Holding the conference



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TOPICS OF THE CONFERENCE:

I. Development of MIMCS

Computer networks
Telecommunication technologies
Methods and means of information protection
Advanced information technologies in measurement and control
Intelligence information systems, sensors, and measurement systems
Integrated control systems
Electrical Engineering and measurement
Actual problems of assessment and the mutual recognition of measurement results
Modern control methods and means to the metrological
Modern methods of testing, calibration and verification

II. MIMCS in Medical-Biological research and education

Modern Information technologies in biology sciences
Modern directions of medical diagnostics and therapeutic systems
Bioinformatics and image processing
Biomedical instrumentations
Control of biological systems
Biosensors, MEMS and Bio-Robotics
Artificial Intelligence in Medicine and Biomedical Engineering
Health monitoring, diagnostics and reconfiguration
Modeling and control of biomedical systems
Telemedicine and medical informatics
Biomedical electronics, micro and nano sensors
AI/ML based approaches for biomedical data processing
New implant technology

III. Application of MIMCS

Innovative technologies in the engineering and social science
MIMCS in fuel, chemistry and power engineering complexes
Information technologies in aerospace monitoring
Navigation information systems of vehicles
MIMCS in Earth and Agricultural sciences
MIMCS, nanotechnologies and material sciences
Innovative technologies in food engineering
Modern telemetry and tele control devices and systems
Quality control and diagnostic systems
Industrial and Applied Mathematics for Manufacturing
Sensors, smart sensors and their application in industry
Computational intelligence in management
AI/ML-based approaches for processing measurement information
Mechatronic systems

IV. Modeling and simulations

Mathematical modelling, Simulation application in Industry
Robotics Science and Engineering
Intelligent industrial systems, industrial robots
Systems modelling and simulation
Simulation, identification and signal processing
Nonlinear Signal Processing
New methods for visualizing measurement information
Design and simulation of signal processing systems
Biological signal processing (ECG, EEG, PCG, etc.)
Image and multidimensional signal processing
Modeling, simulation, optimization and identification of processes

V. Information security of the state, society and individual:

Information security of the state
Information-psychological security
Protection of information in computer systems and networks
Information security in cloud storages
Cryptographic information protection
Steganographic information protection
Technical means of information protection
Complex information security systems
Protection of personal information
Information wars
Cyberterrorism and cybersecurity
Information security audit
Management in the field of information security



VI. Control systems, design making and artificial intelligence

Artificial intelligence-based design making
Artificial intelligence Automation and Control Engineering: (Man-machine interactions, Automatic Control Systems, Distributed Control Systems, Logistics and Supply Chain)
Development and implementation of control algorithms
Visual Thinking for Decision Making
Adaptive and learning systems
Computerized control systems
Big Data, Data Mining, Data analytics
Grid, Soft Quantum computing
High Performance Computing- architecture and application
Man-machine systems
Nonlinear control systems

PUBLICATION OF THE CONFERENCE PROCEEDINGS:

Please send the manuscript prepared according to the instructions to the following with the section number (1, 2, 3, 4, 5, 6)
Materials are accepted for the conference in the form of an article (5-8 pages) (in the registration form, doctoral students and undergraduates must introduce the information about their supervisor).

When preparing reports, it is necessary to use a template, which is posted at the link: <http://mimcs.net/thamplate/>

**Article volume 5–8pages. (For placement in CEUR - at least 5 full pages)
The last page should be filled by at least 80%.**

1. Short abstract will be published in the conference proceedings. Selected articles (pages 5-8) will be published in one of the following journals after appropriate research (the accepted article is edited by the author in accordance with the required format of one of the submitted journals):

2. ISSN: 1609-1620, E-ISSN: 2674-5224; UDC: 62 (051) (0.034), DOI SUFFIX: 10.36962/PAHTEL, Referred & Reviewed Journal,

Proceedings of Azerbaijan High Technical Educational Institutions (PAHTEL)
Databases: Crossref, Datacite, OpenAIRE, ESTER-Estonian E-catalogue. Zotero, Scilit, Researchbib, Worldcat, Dimensions, Europub, Mirabel, Zenodo, Sherpa Romeo. OJS PKP. Website: <https://bsj.fisdd.org/index.php/pahtei>

3. International Journal of 3D Printing Technologies and Digital Industry, Databases: * TRDIZIN, * Google Scholar * Research Bib * Index Copernicus * Asos Indeks * EuroPub

4. Advances information systems, Databases: * Google Scholar, * Index Copernicus, * DOAJ, * Ulrich's Periodicals Directory. Ukraine, Kharkiv, Kyrpychva str., 2

5. ISSN: 2613-5817; E-ISSN: 2613-5825; UDC: 0 (0.034), DOI PREFIX: 10.36962/PIRETC, Proceedings of The International Research Education & Training Center (PIRETC), Referred & Reviewed Journal

Databases: Crossref, Datacite, OpenAIRE, ESTER-Estonian E-catalogue. Zotero, Scilit, Researchbib, Worldcat, Quality Open Access Market, Dimensions, Europub, Mirabel, Agris, Zenodo, Sherpa Romeo. OJS PKP.

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MIMCS'2022 SUBMISSION FORM:

DEADLINE DATE 21 Oktober 2022

Registration for participation in the conference:

<https://forms.gle/KPWMA21g78k4pLaK8>

Submission of papers to publication:

1. Submit publications at
<https://easychair.org/conferences/?conf=mimcs2022>
(in .pdf format), and after a positive review

2. to mimcs-2020@gmail.com in .docx format

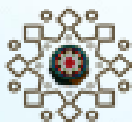
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Mail addresses: info@mimcs.net, mimcs-2020@gmail.com

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