Research Culture Society
&
Kryvyi Rih National University, Ukraine
Automation, Computer Science and Technology Department

Jointly organizes an
International Conference on
Science, Engineering & Technological Innovation

Date: 24 & 25, October, 2020

ORGANIZING COMMITTEE

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Chairperson, Research Culture Society.
Prof. Natalia Morkun,
Head, Automation, Computer Science and Technology Department, Kryvyi Rih National University, Ukraine

Participation details available on:
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+91 9033767725

REGISTRATION FORM LINK: http://tiny.cc/zxxssz
https://forms.gle/A4eNkEVLuZHAEcDYA

Selected Research Papers will be published as ISBN Book Proceedings and in Referred, Peer-Reviewed ISSN Journal with IF 6.719.
About the organizing Institutions:

Kryvyi Rih National University is one of the largest education institutions of the central region of Ukraine for qualified personnel training in metallurgical, mining, engineering and technological specializations. Scientific subjects performed by the university aimed to increasing the efficiency of production and control processes, power saving and environmental protection.

Automation, Computer Science and Technology Department

ACST department trains specialists in computer science, automation and computer-integrated technologies. The main educational and scientific areas are: information support for decision making, development and implementation of process automation and mechatronics systems.

‘Research Culture Society’ is a Government Registered Scientific Research organization. Society is working for research community at National and International level to impart quality and non-profitable services.

Objective of the International Conference: Our main objective is to promote scientific and educational activities towards the advancement of common citizens life by improving the theory and practice of various disciplines of science and engineering. The aim of the conference is to provide a interaction stage for researchers and practitioners from academia and industries to deal with state-of-the-art advancement in their respective fields.

Sub-themes: Track 1 - Basic Science

In addition to these sub-themes, research papers can be submit on a similar topic which are related to the Conference main theme.

**Physics:**
- Physics
- Optical Physics
- Applied Physics
- Telecommunication Physics
- Electromagnetic Physics

**Chemistry:**
- Applied Chemistry
- Organic Chemistry
- Inorganic Chemistry

**Bio Technology:**
- Food Engineering
- Food Process Engineering
- Food Biotechnology
- Bioinformatics,
- Cell biology,
- Biochemistry,
- Molecular biology,
- Neurobiology,
- Microbiology, Pathology,
- Cytology,
- Immunobiology.

**Agriculture Science:**
- Animal Science,
- Crop Science,
- Family & Consumer Sciences,
- Fisheries & Wildlife Sciences,
- Food Science,
- Forestry, Genetics & Genomics,
- Horticulture, Nutrition,
- Plant Pathology, Soil Science,
- Sustainable Agriculture,
- Waste Management.

**Mathematics:**
- Mathematical Logic
- Algebra
- Analysis
- Calculus, Differential Equations and Integration
- Geometry and Topology
- Graph Theory and Combinatorics
- Group Theory
- Number Theory, Arithmetic
- Probability and Statistics, Game Theory
- Modeling and Simulation
- Applied Mathematics
- General Mathematical Research

**Nanoscience:**
- Nano Manufacturer
- Nano Electronics and Sensor Technology
- Nano Biotechnology
- Nanotechnology In Drag Delivery System
- Nanotechnology In Solar Cell
- Nano Composite Use In Solar Cell
- Nano Piezo Electronic Materials
- Nano Composite
- Emerging Nanoscience
- Self Assembled Structure
- Ethics In Nanotechnology

**Life Sciences:**
- Biological Sciences,
- Genetics,
- Molecular Biology,
- Environmental Science,
- Ecology,
- Arachnology,
- Biodiversity and Conservation,
- Neuroscience,
- Marine Biology,
- Forensic Science,
- Home Science,
- Zoology.
Sub-themes : Track 2 - Engineering and Technology

In addition to these sub-themes, research papers can be submit on a similar topic which are related to the Conference main theme.

**Mechanical, Industrial, Manufacturing and Production Engineering:**
- Operations Research
- Production and Operations Management
- Quality Control and Management
- Maintenance Engineering
- Mechanical Design and Dynamics of Mechanism
- Fluid Mechanics, Combustion and Engineering Physics
- Vibration Measuring and Reliability Analysis
- Finite Element Analysis for Mechanical Engineering
- Mechatronics Design Control Systems
- Instrumentation and Control Engineering
- Sensors and Applications
- Systems Modeling and Simulation
- Automation and Robotics
- Machine Tools and Manufacturing Processes
- Modeling, Analysis and Simulation of Manufacturing Processes
- System Analysis and Industrial Engineering
- Dynamic Mechanical Analysis, Optimization and Control
- Mechanical Control and Information Processing Technology

**Civil Engineering:**
- Civil and Structural Engineering
- Building Structure and Bridge Engineering
- Cartography and Geographic Information System
- Coastal Engineering
- Computational Mechanics
- Computer Simulation and CAD/CAE
- Concrete Structures
- Construction and Control
- Disaster Prevention and Mitigation
- Environment-Friendly Construction and Development
- Monitoring and Control Of Structures
- Sanitary and Ground Water Engineering
- Structural Analysis and Design
- Structural Engineering and Disaster Reduction
- Structural Rehabilitation, Retrofitting and Strengthening
- Surveying and Geo-Informatics
- Tunnel, Subway and Underground Facilities
- Civil and Environmental Engineering
- Applied Computer For Civil and Environmental Engineering
- Construction Engineering and Management
- Geographical Information Systems
- Geotechnical Analysis and Design
- Infrastructure Life-Cycle Management

**Electronics and Telecommunications Engineering:**
- Telecommunications and Information Systems
- Communication Network and System
- Antenna and Wave Propagation
- Machine Learning and Intelligent Systems
- Software Tools and Applications
- Internet Of Things and Embedded Systems
- Cloud Computing and Mobile Computing
- Internet Architecture and Applications
- Human Computer Interaction and Virtual Reality
- Data Mining and Database Systems
- Power System Engineering
- Electrical Engineering
- Renewable Energy Technology
- Control Engineering and Instrumentation
- Instrumental and Control Applications
- Electronics Devices / Design and System
- Bio-Medical Engineering

**Metallurgical and Materials Engineering:**
- Smart Materials
- Mineral Beneficiation
- Heat Treatment
- Solidification Process
- Materials Characterization
- Mechanical Working Of Metal and Alloys
- Advance Materials
- Materials Degradation
- Corrosion Engineering
- Semi-Conductor Materials
- Microelectronic Materials
- Smart/Intelligent Materials/Intelligent Systems
- Tooling Testing and Evaluation Of Materials
- Modeling and Simulation Of Materials and Devices
- Quantum Modulation Based On Superconductors, Semiconductor and Magnets
- Advanced High Temperature Structural Materials
- Thin Films and Surface Engineering
- Light Metals and Alloys
- Composites and Hybrid Materials
- Advanced Ceramic and Glass Materials
- Green Building Materials
- Light Emitting Material
- Mechanical Behavior and Fracture
- Materials and Engineered Structures For Light Control

**Automation, Computer Science and Information Technology:**
- Affective Computing
- Automation and Controllers
- Artificial Neural Network
- Behavior Analytics
- Big Data
- Internet Of Things
- Business Intelligence
- Swarm Intelligence and Particle Swarm Optimization
- Collaborative Computing, Community Analysis
- Context-Aware Applications
- Decision Support
- Evolutionary Computation
- Feature Selection
- Fuzzy Systems, Fuzzy System and Rough Set
- Geographic and Spatial Data Mining
- Human-Computer Interface
- Hybrid Systems
- Image Processing
- Information Diffusion
- Knowledge Discovery, Knowledge Management, Knowledge Transfer
- Natural Language Processing
- Optimization, Recommender Systems
- Semantic Mining, Social Network Mining, Text Mining, Web Mining, Data Mining and Topology Evolution
- Ad Hoc Networks
- Amorphous Computing
- Aspects Of User Modeling and User Behavior Prediction
- Cloud and Grid Computing
- Context and Location Aware Applications
- Content Delivery
- Cyber-Physical System
- Decentralized Resource Management (Especially Search and Routing)
- Epidemic Algorithms
- Game-Theoretic Approaches For Network Optimization (NCG)
- Internet Of Things
- P2P Networks and Protocols, Real Time Streaming Networks
- Self-Organization and Emergence In Computer Networks
- Sensor Networks, Security and Forensic, Wired and Wireless Network,
- Sensors, Automation and Robotics.
Description of Registration & Participation

REGISTRATION FORM LINK:  http://tiny.cc/zxxssz  OR  https://forms.gle/A4eNkEVLuZHAEcDyA

For Teaching Faculties, Ph.D, Masters, Bachelors Students, Researchers, Industry Delegates or any interested Citizen.
Research Paper / Poster Presenters will receive - 1) Conference Proceedings Book 📚 & 2) online Journal Publication 📖 with Certificate. E-certificate will be provided to all the participants. (Postal charges extra)

Research Papers, Projects & Posters invited for presentation and publication. (Min. 1000 to Max. 3500 words)

Page - A4, Margin - 2.1 cm each side, Fonts - Times New Roman, Size – 11, Title – 18, Theory – 11, Figures, tables in the center, Title – Author details – Introduction – Middle Body – Conclusion – Acknowledgement – References.
Guidelines for online poster submission: 1 PNG image & 1 page theory in PPT (Landscape size - width : 40 cm, height : 30 cm / Portrait size : width : 30 cm, height : 40 cm )

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Submission Email:  JESSICAPHYSICS@gmail.com

Registration / Participation / Presentation / Publication Charge:  (For Indian participants in - Rs. & For Abroad participants in - USD )

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After Registration Participants will receive our Bank Account details through email.

Online payment option:  http://researchculturesociety.org/payment/

Publication:  All Selected Research Papers will be published as ISBN Book Proceedings and in Referred, Peer-Reviewed ISSN Journal with Impact Factor - 6.719.
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