



UNIVERSITY OF NATIONAL AND WORLD ECONOMY

The Spirit Makes The Power

**16TH INTERNATIONAL CONFERENCE ON APPLICATION OF
INFORMATION AND COMMUNICATION TECHNOLOGY AND STATISTICS
IN ECONOMY AND EDUCATION
(ICAICTSEE – 2026)**

October 8 – 10, 2026

University of National and World Economy

Sofia, Bulgaria

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ICAICTSEE-2026

CONFERENCE PROGRAM

Important Notes

The ICAICTSEE-2026 will be conducted fully online through the **Microsoft TEAMS** software.

OCTOBER 8, 2026

10:00, Sofia, Bulgaria

Conference Official Opening

OPENING REMARKS – **PROF. DR. DIMITER VELEV**, ICAICTSEE-2026 CHAIR, UNWE

WELCOME SPEECH – **PROF. DR. ALEXANDRU MANOLE**, ATRIFEX UNIVERSITY OF BUCHAREST, ROMANIA

WELCOME SPEECH – **PROF. DR. SERGHEI OHRIMENKO**, ACADEMY OF ECONOMIC STUDIES OF MOLDOVA

WELCOME SPEECH – **PROF. DR. SIVAKUMAR R**, VELLORE INSTITUTE OF TECHNOLOGY, INDIA

OCTOBER 8 ,2026

PANEL 1 / 10:15 – 11:30, Sofia Bulgaria

CHAIR: GHENADIE CIOBANU - ATRIFEX UNIVERSITY OF BUCHAREST, ROMANIA

PAPER	TITLE
FA-35	CYBER SECURITY IN ACCOUNTING AND AUDITING Alexandru Manole ATRIFEX University of Bucharest, Romania
FA-36	CYBER SECURITY OF INTERNATIONAL MONETARY SYSTEM IN THE GLOBAL AND REGIONAL TRANSFORMATION Ghenadie Ciobanu ATRIFEX University of Bucharest, Romania
FA-37	LABOUR MARKET TRANSFORMATION IN THE PROCESS OF AI&ML AND SUSTAINABILITY DEVELOPMENT Ghenadie Ciobanu ATRIFEX University of Bucharest, Romania
FA-38	CYBER SECURITY RESILIENCE Adrian Maldes National University of Defence Carol 1, Bucharest, Romania
FA-39	CYBER SECURITY PROBLEMS IN THE TRANSPORT INDUSTRY IN UKRAINE Tatiana Zaplitnaia National Academy of Transport , Kiev, Ukraine
FA-40	CYBER SECURITY MARKETING IN ROMANIA Catalin Deatcu ATRIFEX University of Bucharest, Romania

OCTOBER 8 ,2026

PANEL 2 / 11:45 – 13:00, Sofia Bulgaria

CHAIR: GHENADIE CIOBANU - ATRIFEX UNIVERSITY OF BUCHAREST, ROMANIA

PAPER	TITLE
FA-01	DATA-DRIVEN DECISION SUPPORT FOR INVESTMENT INSTRUMENTS STRENGTHENING THE RESILIENCE OF RESPONSIBLE BUSINESS Olha Kibik National University "Odesa Law Academy", Odesa, Ukraine
FA-02	DIGITAL TOOLS FOR BUDGET TRANSPARENCY AND FINANCIAL CONTROL Olha Slobodianiuk National University "Odesa Law Academy", Odesa, Ukraine
FA-03	INTRODUCTION OF SOFTWARE REGISTERS OF SETTLEMENT OPERATIONS INTO THE ELECTRONIC ADMINISTRATION SYSTEM Iryna Topalova National University "Odesa Law Academy", Odesa, Ukraine
FA-04	DECISION SUPPORT MODELING FOR ADAPTIVE STRATEGIC PLANNING UNDER UNCERTAINTY Viacheslav Kotlubai National University "Odesa Law Academy", Odesa, Ukraine
FA-05	DIGITAL TRANSFORMATION OF INTERNATIONAL BUSINESS AS A DRIVER OF ECONOMIC RESILIENCE AND SUSTAINABLE GROWTH Ivan Prymachenko National University "Odesa Law Academy", Odesa, Ukraine
FA-06	ORGANIZATIONAL CHANGE MANAGEMENT FOR ENHANCING BUSINESS RESILIENCE AMID ECONOMIC UNCERTAINTY Ievheniia Redina National University "Odesa Law Academy", Odesa, Ukraine

OCTOBER 8 ,2026

PANEL 3 / 14:00 – 15:30, Sofia Bulgaria

CHAIR: GHENADIE CIOBANU - ATRIFEX UNIVERSITY OF BUCHAREST, ROMANIA

PAPER	TITLE
FA-07	DOCUMENTARY SUPPORT FOR ACCOUNTING FOR BUSINESS TRAVEL EXPENSES OF ACCOUNTABLE PERSONS Svitlana Vizirenko National University "Odesa Law Academy", Odesa, Ukraine
FA-08	DIGITAL HR INFORMATION SYSTEMS AND HUMAN CAPITAL DEVELOPMENT FOR BUSINESS RESILIENCE Olesia Kornilova National University "Odesa Law Academy", Odesa, Ukraine
FA-09	WORKSECTION AS A DIGITAL TOOL FOR DEVELOPING PROJECT MANAGEMENT COMPETENCIES IN HIGHER EDUCATION Iryna Kapustian National University "Odesa Law Academy", Odesa, Ukraine
FA-10	INFORMATION SYSTEMS FOR MANAGING AN INNOVATION PROJECT PORTFOLIO IN FINANCIAL INSTITUTIONS Serhii Kreitor National University "Odesa Law Academy", Odesa, Ukraine
FA-11	STATISTICAL ASSESSMENT OF RESPONSIBLE BUSINESS TOOLS ADAPTATION TO THE SUSTAINABLE DEVELOPMENT GOALS Pavlo Siianko National University "Odesa Law Academy", Odesa, Ukraine
FA-12	DIGITAL TOOLS AND PREDICTIVE ANALYTICS FOR RISK MANAGEMENT UNDER LOGISTICS CHAIN DISRUPTIONS Andrii Kirovych National University "Odesa Law Academy", Odesa, Ukraine

OCTOBER 9, 2026

PANEL 4 / 10:30 – 11:30, Sofia - Bulgaria

CHAIR: PLAMENA ZLATEVA - UNIVERSITY OF NATIONAL AND WORLD ECONOMY, SOFIA, BULGARIA

PAPER	TITLE
BA-01	DIGITAL AGENDAS ACROSS PLATFORMS: TEMPORAL AND THEMATIC DYNAMICS IN BULGARIAN WEB PUBLICATIONS AND YOUTUBE CONTENT Plamen Milev, Yavor Tabov University of National and World Economy, Sofia, Bulgaria
BA-02	INFORMATION SECURITY AND DATABASE PROTECTION IN MODERN ERP SYSTEMS Mariana Kovacheva University of National and World Economy, Sofia, Bulgaria
BA-03	SEMANTIC MODELS FOR INTELLIGENT SELF-SERVICE SYSTEMS IN THE DIGITAL ECOSYSTEM Petar Genov University of National and World Economy, Sofia, Bulgaria
BA-04	OPPORTUNITIES FOR DIGITIZING THE ANALYSIS OF ENTERPRISE PERFORMANCE EFFICIENCY Rositsa Ivanova University of National and World Economy, Sofia, Bulgaria
BA-05	EXPANDING THE TAXONOMY OF INSIDER THREATS IN AUTOMATED AND AUTONOMOUS SYSTEMS Ivan Gaidarski Institute of Robotics, Bulgarian Academy of Sciences, Sofia, Bulgaria

OCTOBER 9, 2026

PANEL 5 / 12:00 – 13:30, Sofia - Bulgaria

CHAIR: SERGHEI OHRIMENKO - ACADEMY OF ECONOMIC STUDIES OF MOLDOVA, CHISINAU, MOLDOVA

PAPER	TITLE
FA-18	MEASURING ICT CONCENTRATION RISK UNDER DORA Serghei Ohrimenko¹, Nichita Bradu² ¹ Academy of Economic Studies of Moldova, Chisinau, Moldova ² IU International University of Applied Sciences, Berlin
FA-13	COMPARATIVE ANALYSIS OF REFERENCE MANAGEMENT SOFTWARE FOR THE EFFECTIVE IMPLEMENTATION OF SCIENTIFIC PROJECTS Tatiana Colesnicova, Mihail Ciobanu, Vlada Dascalescu Academy of Economic Studies of Moldova, Chisinau, Moldova
FA-14	CYBERWARFARE AND DIGITAL RESILIENCE: COMPREHENSIVE STATISTICAL AND STRUCTURAL ANALYSIS OF CYBERATTACKS ON UKRAINE'S DIGITAL INFRASTRUCTURE Liudmyla Rybalchenko University of Customs and Finance, Dnipro, Ukraine
FA-15	ICT TOOLS FOR AGRITOURISM MANAGEMENT IN THE REPUBLIC OF MOLDOVA: MANAGERIAL APPLICATIONS, ADOPTION BARRIERS AND DEVELOPMENT PRIORITIES Svetlana Ceban Academy of Economic Studies of Moldova, Chisinau, Moldova
FA-16	INNOVATION IN BANKING: USING AI TO IMPROVE EMPLOYEE INFORMATION Olga V. Pugacheva Francisk Skorina Gomel State University, Gomel, Belarus
FA-17	EXPLORING MULTILINGUALISM: THE ROLE AND BENEFITS OF LEARNERS' ADDITIONAL LANGUAGES IN CLASSROOM INSTRUCTION Anastasia Romanova Academy of Economic Studies of Moldova, Chisinau, Moldova
FA-19	AGILE MANAGEMENT IN THE ERA OF DIGITAL TRANSITION: A COMPARATIVE STUDY OF ADOPTION PRACTICES IN SMEs FROM THE REPUBLIC OF MOLDOVA AND ROMANIA Felicia Petrea Academy of Economic Studies of Moldova, Chisinau, Moldova

OCTOBER 9, 2026

PANEL 6 / 13:45 – 15:15, Sofia - Bulgaria

CHAIR: SERGHEI OHRIMENKO - ACADEMY OF ECONOMIC STUDIES OF MOLDOVA, CHISINAU, MOLDOVA

PAPER	TITLE
FA-20	A COMPARATIVE SECURITY ANALYSIS OF COLLABORATION AND E-LEARNING PLATFORMS Aureliu Zgureanu, Serghei Oprea Academy of Economic Studies of Moldova, Chisinau, Moldova
FA-21	CARBON PRICING AND VULNERABLE HOUSEHOLDS AND FIRMS: DISTRIBUTIONAL EFFECTS AND THE WELFARE PARADOX Elena Margineanu Academy of Economic Studies of Moldova, Chisinau, Moldova
FA-22	THE EVOLUTION AND IMPACT OF THE COMMON AGRICULTURAL POLICY IN THE EUROPEAN UNION Eugeniu Stoian, Alexandreea Terenteac Academy of Economic Studies of Moldova, Chisinau, Moldova
FA-23	ASSESSING THE RISK OF GREENWASHING IN THE ENVIRONMENTAL COMMUNICATIONS OF BUSINESSES IN THE REPUBLIC OF MOLDOVA Eugeniu Stoian, Rodica Perciun Academy of Economic Studies of Moldova, Chisinau, Moldova
FA-24	FROM CYBERSECURITY EVENTS TO MANAGEMENT DECISIONS: AN EVIDENCE-DRIVEN FEEDBACK LOOP FOR SME INFORMATION MANAGEMENT Ghenadie Belinschi Academy of Economic Studies of Moldova, Chisinau, Moldova
FA-25	TRADE SECRETS VS. PATENTS IN THE DIGITAL ECONOMY: GLOBAL STRATEGIES FOR PROTECTING IP Svetlana Grişciuc-Bucica Academy of Economic Studies of Moldova, Chisinau, Moldova
FA-26	DATA-DRIVEN ASSESSMENT OF POTASH FERTILIZER MARKETS IN ASEAN COUNTRIES Taisia Peskova, Dinara Orlova Moscow State Institute of International Relations, Moscow, Russia

OCTOBER 9, 2026

PANEL 7 / 15:30 – 17:00, Sofia - Bulgaria

CHAIR: SERGHEI OHRIMENKO - ACADEMY OF ECONOMIC STUDIES OF MOLDOVA, CHISINAU, MOLDOVA

PAPER	TITLE
FA-27	THE USE OF PROJECT-BASED LEARNING BY STUDENTS IN THE STUDY OF THE SUBJECT 'INTEGRATED SECURITY SYSTEMS' Violeta Bogdanova¹, Oxana Gradinari² ¹ "Ion Creanga" State Pedagogical University of Chisinau, Chisinau, Moldova ² Alecu Russo State University, Bălți, Moldova
FA-28	HARMONIZATION OF FINANCIAL REPORTING OF EQUITY ACCORDING TO THE NATIONAL ACCOUNTING REGULATORY FRAMEWORK WITH THE EU DIRECTIVE: PRIORITIES FOR ALIGNMENT IN THE CONTEXT OF THE EUROPEAN INTEGRATION OF THE REPUBLIC OF MOLDOVA Liliana Lazari, Gheorghe Balan Academy of Economic Studies of Moldova, Chisinau, Moldova
FA-29	ARTIFICIAL INTELLIGENCE IN HIGHER EDUCATION IN MOLDOVA: OPPORTUNITIES, RISKS AND INSTITUTIONAL GAPS Aurelia Turcan Academy of Economic Studies of Moldova, Chisinau, Moldova
FA-30	A MULTI-CRITERIA DECISION SUPPORT FRAMEWORK FOR IT PROJECT PORTFOLIO SELECTION UNDER UNCERTAINTY Veronica Hincu Academy of Economic Studies of Moldova, Chisinau, Moldova
FA-31	A CONCEPTUAL MODEL FOR DETECTING FINANCIAL ANOMALIES AMONG EU FUNDS BENEFICIARIES IN THE CONSTRUCTION SECTOR Ana-Maria Buzdugan¹, Liliana Lazari², Elena Hlaciuc¹ ¹ Ștefan cel Mare University of Suceava, Romania ² Academy of Economic Studies of Moldova, Chisinau, Moldova
FA-32	ARTIFICIAL INTELLIGENCE-BASED ANALYSIS OF ACCOUNTING DATA FOR MANAGERIAL DECISIONS Tatiana Cojusco Academy of Economic Studies of Moldova, Chisinau, Moldova
FA-33	BUSINESS DEMOGRAPHY DYNAMICS AS A FACTOR IN RECONFIGURING LABOR DEMAND: STRUCTURAL AND QUALITATIVE PERSPECTIVES Oxana Livitchi Academy of Economic Studies of Moldova, Chisinau, Moldova
FA-34	DIGITAL LIBRARIES IN HIGHER EDUCATION: A BIBLIOMETRIC ANALYSIS OF ICT-RELATED TOPICS Gordana Djokovic Department of Library and Information Science, University of Belgrade, Belgrade, Serbia

OCTOBER 10, 2026

PANEL 8 / 10:30 – 11:30, Sofia - Bulgaria

CHAIR: PLAMENA ZLATEVA - UNIVERSITY OF NATIONAL AND WORLD ECONOMY, SOFIA, BULGARIA

PAPER	TITLE
BA-06	FROM REST APIs TO NATURAL LANGUAGE INTERFACES: THE EVOLUTION OF BUSINESS PROCESS AUTOMATION Alexander Petrov University of National and World Economy, Sofia, Bulgaria
BA-07	FINANCIAL CONTROL OF THE DIGITAL EURO Milen Markov University of National and World Economy, Sofia, Bulgaria
BA-08	ARTIFICIAL INTELLIGENCE IN ACCOUNTING: ADOPTION, ATTITUDES, APPLICATIONS, AND PROFESSIONAL PERSPECTIVES Iavor Bachev University of National and World Economy, Sofia, Bulgaria
BA-09	THE USE OF ARTIFICIAL INTELLIGENCE FOR THE DISRUPTION OF CYBERSECURITY Nedko Tagarev University of National and World Economy, Sofia, Bulgaria
BA-10	IMPACT OF ARTIFICIAL INTELLIGENCE ON CYBERSECURITY Tatyana Docheva University of National and World Economy, Sofia, Bulgaria

OCTOBER 10, 2026

PANEL 9 / 14:00 – 15:00, Sofia - Bulgaria

CHAIRS: DR. JEEVA JB (VIT), PROF. DR. DIMITER VELEV (UNWE)

PAPER	TITLE
VIT - 101	A REVIEW OF MULTI-MODAL MEDICAL IMAGE ANALYSIS USING AGENTIC AI Venket Sai Shree Harsha Kokkonda, Aryan Vinod Kumar Nair, Aashray Thirukovalluru, Aisik Jana, Shrivastava Pranjal Ritweej, Sivakumar Rajgopal Vellore Institute of Technology, Vellore, Tamil Nadu, India
VIT - 102	SUPPLIER RISK ASSESSMENT ENGINE: AN AI MODEL THAT ANALYZES SUPPLIER DELIVERY TIMES, PRICE VOLATILITY, AND QUALITY HISTORY TO RANK THE RELIABILITY OF MEDICAL DEVICE VENDORS Aditya Srivastava, Vineet Tiwari, Sivakumar Rajgopal Vellore Institute of Technology, Vellore, Tamil Nadu, India
VIT - 104	SHAP-GROUNDED AGENTIC AI FOR EXPLAINABLE 30-DAY HOSPITAL READMISSION RISK PREDICTION Harshini M, Sivakumar Rajgopal Vellore Institute of Technology, Vellore, Tamil Nadu, India
VIT - 105	A COMPREHENSIVE SURVEY OF ARTIFICIAL INTELLIGENCE TECHNIQUES FOR RENAL CALCULI PREDICTION AND CLASSIFICATION Ramya D , Santhi K Vellore Institute of Technology, Vellore, Tamil Nadu, India
VIT - 106	MACHINE LEARNING BASED PREDICTIVE INVENTORY OPTIMIZATION FOR VITAL HOSPITAL CONSUMABLES Gunjan Azad, Sivakumar R Vellore Institute of Technology, Vellore, Tamil Nadu, India

OCTOBER 10, 2026

PANEL 10 / 15:15 – 16:15, Sofia - Bulgaria

CHAIRS: DR. HEMALATHA K (VIT), PROF. DR. DIMITER VELEV (UNWE)

PAPER	TITLE
VIT - 107	AI DRIVEN AUTOMATED TENDERING AND BID ANALYSIS SYSTEM Gunjan Kumari Tarun Eashwar, Sivakumar R Vellore Institute of Technology, Vellore, Tamil Nadu, India
VIT - 111	REVIEW OF AI-DRIVEN HOSPITAL BED DEMAND FORECASTING Shivani Anandaraj, Sivakumar Rajgopal Vellore Institute of Technology, Vellore, Tamil Nadu, India
VIT - 114	AI-ASSISTED SCREENING AND PRIORITIZATION OF ALPHA-AMYLASE MUTATIONS USING MACHINE LEARNING AND SEQUENCE-BASED ANALYSIS Dharshini.S , Harini.M, Sampreethi.M,Sivakumar.V Vellore Institute of Technology, Vellore, Tamil Nadu, India
VIT - 115	A SELF-POWERED BIO-ADAPTIVE ORTHOPAEDIC FIXATION IMPLANT FOR MULTIMODAL FRACTURE HEALING AND INFECTION MONITORING Sanjai BN, Sivakumar V Vellore Institute of Technology, Vellore, Tamil Nadu, India
VIT - 118	MULTI-SENSOR BASED RIDER PHYSIOLOGICAL MONITORING AND EMERGENCY RESPONSE Govinda K, Sai Raghav Mandyam Vellore Institute of Technology, Vellore, Tamil Nadu, India
VIT - 120	AUTOMATED EMR SUMMARIZATION FOR QUICK CLINICAL REVIEW Ananya Sreekumar , Anushka Sharma, Sivakumar Rajgopal Vellore Institute of Technology, Vellore, Tamil Nadu, India

OCTOBER 10, 2026

PANEL 11 / 16:30 – 17:30, Sofia - Bulgaria

CHAIRS: DR. KISHORERAJA K C, PROF. DR. DIMITER VELEV (UNWE)

PAPER	TITLE
VIT - 125	EDGE-LOCAL PRESCRIPTION VALIDATION USING OCR AND LLM S Savithendiraa, Sivakumar R Vellore Institute of Technology, Vellore, Tamil Nadu, India
VIT - 126	AI-DRIVEN SMART REHABILITATION MONITORING USING WEARABLE SENSORS AND MACHINE LEARNING Vidhya G, Ganesan D, Aryan Hundia Vellore Institute of Technology, Vellore, Tamil Nadu, India
VIT - 108	DIAGNOSTIC PIVOT RETRIEVAL: A DEEP LEARNING FRAMEWORK FOR EVIDENCE-CHAIN SEMANTIC SEARCH IN LONGITUDINAL ELECTRONIC HEALTH RECORDS S. Rassel, Mugdha Medhi, Hiya Mariyam, Sivakumar R Vellore Institute of Technology, Vellore, Tamil Nadu, India
VIT - 121	AMBULANCE-AWARE MULTIMODAL ROAD-HAZARD PREDICTION FOR TRANSPORT-SAFETY DECISION SUPPORT: THE ROADSENSE AI FRAMEWORK Gopika B, Radha Gupta, Anupama Kumari, Kriti Arora, Priya G Vellore Institute of Technology, Vellore, Tamil Nadu, India
VIT - 123	LCIS: AN EDGE-DEPLOYED CLINICAL TREND SURVEILLANCE SYSTEM FOR EARLY DETECTION OF PATIENT DETERIORATION USING ROBUST STATISTICAL TREND ANALYSIS Anindita Kundu, Shashi Bhushan Vijay Vellore Institute of Technology, Vellore, Tamil Nadu, India
VIT - 01	IOT-BASED HEALTH MONITORING SYSTEM FOR HEART RATE, SPO₂ AND TEMPERATURE USING AN ESP8266 AND A LABVIEW VIRTUAL INSTRUMENT Das Sudeshna, Kumar Shubh, R. Saravanakumar Vellore Institute of Technology, Vellore, Tamil Nadu, India
VIT - 02	PREDICTIVE SYNCHRONIZATION FOR RISK-AWARE DIGITAL TWINS IN VANETs: ALLOCATING ACCURACY UNDER A SHARED CHANNEL BUDGET Arnav Pratap, Kantareddy Vishal Reddy, Sarthak Verma, Jaya Subalakshmi Ramamoorthi Vellore Institute of Technology, Vellore, Tamil Nadu, India

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