

CONFERENCE AGENDA

"INTERNATIONAL CONFERENCE ON INTELLIGENCE - BASED
TRANSFORMATIONS OF TECHNOLOGY AND BUSINESS"

13-14 OCTOBER, 2022

MEET US ON ZOOM



SCAN ME

Canadian Institute of Technology

DAY 1



13 OCTOBER

9:00 AM - 10:00 AM

RECEPTION AND REGISTRATION

10:00 AM - 11:00 AM

ROOM: AUDITORIUM

OPENING CEREMONY (LIVE STREAMING EVENT)

HONORABLE SPEAKERS

- o **Sokol Abazi** - Rector of CIT
- o **Merita Xhumari** - CIT Board of Administration (Chairwoman)
- o **Rexhep Mejdani** - Former President of Albania
- o **Eduard Shalsi** - Chairman of Economy and Finance Committee
- o **Will Bartlett** - Professor at London School of Economics
- o **Kushtrim Shala** - ICT Co-founder
- o **Ismail Kocayusufoglu** - Vice Rector of International Affairs and Dean of Engineering Faculty, CIT
- o **Vijayakumar Varadarajan** - Program Leader- Engineering, Ajeenkya DY Patil University, School of NUOVOS, Pune, India

11:00 AM - 11:15 AM

COFFEE BREAK

11:20 AM - 12:30 PM

ROOM: AUDITORIUM

KEYNOTE ADDRESSES

SESSION CHAIR: ASSOC. PROF. DIMITRIOS A. KARRAS

11:20 AM - 11:40 AM



PROF. DR. SUAD BECIROVIC

Rector of International Novi Pazar University, Serbia

Speech title: The Development of Cryptocurrencies – Lessons from the Past

11:40 AM - 12:05 PM



PROF. DR. HABIB HAMAM

Faculty of Engineering, CIT

Speech title: It is time to understand the mechanism of deep learning used in Business and Technology

12:05 PM - 12:30 PM



ASSOC. PROF. DR. RICARDO RODRIGUEZ JORGE

Faculty of Science, Department of Informatics, Jan Evangelista Purkyně University, Czech Republic.

Speech title: Data Science and Machine Learning Perspectives

12:30 PM - 01:50 PM

LUNCH BREAK

02:00 PM - 03:05 PM

ROOM: AUDITORIUM

02:00 PM - 02:25 PM

02:25 PM - 02:45 PM

02:45 PM - 03:05 PM

KEYNOTE ADDRESSES

SESSION CHAIR: PROF. DR. ISMAIL KOCAYUSUFOĞLU



PROF. DR. HRRIDAYSH DESHPANDE

Vice Chancellor of Ajeenkya DY Patil University Pune,
Maharashtra, India



DR. MAARUF ALI

Computing School of Computing, Engineering and Physical Sciences
University of the West of Scotland, UK
Speech title: Transhumanism



DR. ZARA ZAMANI

Chief Solutions Officer at ChromaWay AB, Sweden, lecturer and
researcher in the adoption of blockchain in small and medium
enterprises at Halmstad University, Sweden

03:10 PM - 04:10 PM

ROOM: E2
(TESLA)



GOOGLE MEET

ROOM: A1
(ERASMUS)



GOOGLE MEET

ROOM: C2
(ADAM SMITH)



GOOGLE MEET

PARALLEL SESSIONS PAPERS PRESENTATION

Session 1

CYBERSECURITY AND CLOUD COMPUTING

SESSION CHAIR: PHD. ADISA DABERDINI

GENTA REXHA / AURELA ZYBERAJ / SILVA RUCAJ
Albanian University, Tirana, Albania

PAPER TITLE: IMPLEMENTATION OF IDSS IN ALBANIAN BUSINESSES

PHD. ADISA DABERDINI / ELISA SKENDERAJ / NOVRUS METAJ
University of Elbasan "Aleksander Xhuvani", Elbasan, Albania

PAPER TITLE: SECURITY APPLICATIONS IN LINUX OPERATING SYSTEMS AND PRACTICES FOR THEIR PROTECTION

PHD. ADISA DABERDINI / ELISA SKENDERAJ / NOVRUS METAJ / INMERILDA HASA
University of Elbasan "Aleksander Xhuvani", Elbasan, Albania

PAPER TITLE: CYBER SECURITY IN FORTCLIENT INSTITUTIONS AND ORGANIZATIONS

PHD. ELENA SIMONOFSKI / RESINA PLLAHA
University of "Our Lady of Good Counsel", Tirana, Albania

PAPER TITLE: YOUTH VIOLENCE DRIVEN BY CYBERSPACE

Session 2

FINANCIAL ANALYSIS AND TRANSFORMATIONS IN ECONOMY - 1

SESSION CHAIR: PHD. DENIS VELIU,

BESJANA MEMA / GENTA REXHA / MONIKA GJONAJ

PAPER TITLE: IMPACT OF COVID-19 ON BUSINESS DIGITALIZATION IN ALBANIA

ASSOC. PROF. FABIAN ZHILLA
Canadian Institute of Technology, Albania

PAPER TITLE: THE LOOPHOLES OF THE POLITICAL FINANCE IN ALBANIA

PHD. DENIS VELIU
Metropolitan University of Tirana, Albania

PAPER TITLE: PORTFOLIO OPTIMIZATION IN THE CRYPTOCURRENCY MARKET

GENTJAN SKARA / BOJANA HAJDINI
Epoka University, Albania

PAPER TITLE: THE APPLICATION OF EU COMPETITION LAW IN A DIGITAL TECHNOLOGY: NEED FOR NEW RULES?

Session 3

DIGITALIZATION AND EDUCATION

SESSION CHAIR: PROF. DR. HABIB HAMAM

PROF. DR. HABIB HAMAM
Faculty of Engineering, CIT

PAPER TITLE: TOWARDS PEDAGOGICAL CONTINUITY IN REMOTE EDUCATION

RUFAT OSMANI
South East European University, Skopje, North Macedonia

PAPER TITLE: AN OVERVIEW OF THE FACTORS THAT IMPEDE ORAL COMMUNICATION IN EFL CLASSES: THE CASE OF BES STUDENTS AT SEEU

BASRI SALIU
South East European University, North Macedonia

PAPER TITLE: SMARTPHONE USE CONTRIBUTED TO INDIVIDUAL TENDENCIES TOWARDS SOCIAL MEDIA ADDICTION IN SOUTHEAST EUROPEAN UNIVERSITY STUDENTS DURING THE COVID-19 PANDEMIC

KUJTIM RAMADANI
South East European University, North Macedonia

PAPER TITLE: THE COMMUNICATIVE APPROACH IN ENGLISH LANGUAGE LEARNING

04:10 PM - 04:15 PM

COFFEE BREAK

04:15 PM - 06:15 PM

ROOM: E2
(TESLA)



GOOGLE MEET

ROOM: A1
(ERASMUS)



GOOGLE MEET

ROOM: C2
(ADAM SMITH)



GOOGLE MEET

PARALLEL SESSIONS PAPERS PRESENTATION

Session 1

ARTIFICIAL INTELLIGENCE AND DIGITALIZATION

SESSION CHAIR: PHD. DONALD ELMAZI

PHD. XINLI HE / JIAJUN YAN / BIHUAN CHEN

Department of Engineering, The University of Hong Kong, HongKong, China

PAPER TITLE: APPLICATION OF SENTIMENT ANALYSIS AND EVENT CLASSIFICATION BASED ON XLNET IN THE FINANCIAL AREA

LUKE JOEL / WESLEY DOORSAMY / BABU SENA PAUL

University of Johannesburg, South Africa

PAPER TITLE: ON THE PERFORMANCE OF IMPUTATION TECHNIQUES FOR MISSING VALUES ON HEALTHCARE DATASETS

PHD. VESELA TANASKOVIC GASSNER / ZORAN STAJIC

Afforest for Future, Vienna, Austria and University of Nis, Nis, Serbia

PAPER TITLE: 10X IMPROVEMENT OF SMALL MULTI DAM SYSTEMSPERFORMANCE AFTER APPLYING HYBRID MODEL DIAGNOSTICS

ANDREW KIM

Cresskill High School, New Jersey, USA

PAPER TITLE: A SONG RECOMMENDATION SYSTEM USINGSENTIMENTANALYSIS BASED ON USER REVIEWS

STEPHEN AFRIFA & PROF. DR. VIJAYAKUMAR VARADARAJAN

University of Energy and Natural Resources, Sunyani, Ghana and Ajeenkya D Y Patil University, ADYPU, Pune, India

PAPER TITLE: CYBERBULLYING DETECTION ON TWITTER USING NATURAL LANGUAGE PROCESSING AND MACHINE LEARNING TECHNIQUES

BA. SKERDI MULLAJ / PHD. ERALDA CAUSHI

Vodafone Albania & Canadian Institute of Technology

PAPER TITLE: AUTOMATED CURRICULUM LEARNING FOR NEURAL NETWORK

BA. SKERDI MULLAJ / PHD. ERALDA CAUSHI

Vodafone Albania & Canadian Institute of Technology

PAPER TITLE: SUCCESS EVALUATION THROUGH CV ANALYSIS USING MACHINE LEARNING

Session 2

FINANCIAL ANALYSIS AND TRANSFORMATIONS IN ECONOMY - 2

SESSION CHAIR: PHD. DENIS VELIU

PHD(C). CENETA TELAK DURMISHI

PAPER TITLE: THE LATEST CONSUMER BEHAVIOUR TRENDS IN 'CONNECTED MARKETING' IN THE REPUBLIC OF NORTH MACEDONIA

FELIPE SILVA / SELMA R. OLIVEIRA

Fluminense Federal University, Brazil

PAPER TITLE: CAPABILITY OF TECHNOLOGICAL INNOVATION TO EMERGE FROM DARK DAYS

Session 3

DIGITALIZATION AND EDUCATION

SESSION CHAIR: PROF. DR. HABIB HAMAM

ÖZGE BÜYÜKDAĞLI / EMINE YAMAN AMAL MERSNI

International University of Sarajevo, Sarajevo, Bosnia & Herzegovina

PAPER TITLE: STUDENT PERFORMANCE ANALYSIS USING DATA MINING TECHNIQUES: A CASE STUDY

ASSOC. PROF. ARTUR JAUPAJ

Canadian Institute of Technology, Albania

PAPER TITLE: REVISITING VET AND CONTINUING EDUCATION: TOWARDS A KNOWLEDGE-BASED ECONOMY THROUGH BEST PRACTICES

PHD. ALFONS HARIZAJ

Canadian Institute of Technology, Albania

PAPER TITLE: LINEAR AND EQUIPERCENTILE METHODS FOR EQUATING OF TEST RESULTS FROM DIFFERENT YEARS TO RANK STUDENT CANDIDATES FOR UNIVERSITIES



09:00 AM - 9:30 AM

RECEPTION AND REGISTRATION

9:30 AM - 10:50 AM

KEYNOTE ADDRESS AND SPECIAL LSE SESSION

ROOM: AUDITORIUM

SESSION CHAIR: PROF. DR. MERITA XHUMARI

09:30 AM - 10:00 AM



PROF. WILL BARTLETT

Deputy Director, LSE Research on Southeastern Europe (LSEE), European Institute, LSE, UK & Professor and Editor-in-Chief, Economic Annals, University of Belgrade Faculty of Economics, Serbia

10:00 AM - 10:50 AM

SPECIAL LSE SESSION

THE EFFECTIVENESS OF NEW TECHNOLOGIES FOR TEACHING CODING IN COMPULSORY EDUCATION

PROF. DR. MERITA XHUMARI & MEGI XHUMARI - Albanian Case

PROF. IVANA PRICA - Serbian Case

PROF. ARDIANA GASHI - Kosovo Case

PHD. DORINA RAPTI - Director of Curricula and Teacher Qualification Department Quality Assurance Agency of Pre-university Education, Ministry of Education and Sport, Albania

10:50 AM - 11:00 AM

COFFEE BREAK

11:00 AM - 12:30 PM

MEETING ROOM

ZOOM LINK

ROUND TABLE DISCUSSION "DIGITALIZATION AND ECONOMY IN WESTERN BALKANS- PROSPECTS AND CHALLENGES" (LIVE STREAMING EVENT)

ROUND TABLE MODERATOR: ASSOC. PROF. FABIAN ZHILLA

12:30 PM - 01:30 PM

LUNCH BREAK

01:30 PM - 02:30 PM

KEYNOTE SPEAKERS

ROOM: AUDITORIUM

SESSION CHAIR: ASSOC. PROF. DIMITRIOS A. KARRAS

01:30 PM - 01:50 PM



DR. DAVIDE CARNEIRO

Lecturer and Researcher on AI & Data Science at CIICESI/Polytechnic of Porto, Portugal

Speech title: Our Role in the Data Revolution: Empowerment and Responsibility

01:50 PM - 02:10 PM



ASSOC. PROF. DR. MAHDI H. MIRAZ

Assoc. Professor of Communications Engineering, Xiamen University (Malaysia Branch), Malaysia

02:10 PM - 02:30 PM



ASSOC. PROF. DR. ENG. NEYARA RADWAN

Mechanical Dept., Faculty of Engineering, Suez Canal University, Egypt

Speech title: Digital Transformation: The Role of Adaptable Digital Transformation Framework

02:30 PM - 04:45 PM

ROOM: E2
(TESLA)



GOOGLE MEET

ROOM: C2
(ADAM SMITH)



GOOGLE MEET

ROOM: AUDITORIUM

PARALLEL SESSIONS PAPERS PRESENTATION

Session 1

SHAPING THE FUTURE - TRENDS

SESSION CHAIR: PROF. DR. VIJAYAKUMAR VARADARAJAN

ASSOC. PROF. ABDULSALAM ALKHOLIDI, ASSOC. PROF. DIMITRIOS A. KARRAS, PHD. DONALD ELMAZI
Canadian Institute of Technology, Albania

PAPER TITLE: AN ADVANCED APPROACH TO ANALYZE VARIOUS INTERNET METRICS: A CASE STUDY

NELSON DUARTE / CARLA PEREIRA

ESTG, Politécnica do Porto, INESC TEC – Institute for Systems and Computer Engineering, Technology and Science, Portugal

PAPER TITLE: AN ECOSYSTEM TO SUPPORT DIGITAL TRANSFORMATION

NIKOLAY PADAREV

"Vasil Levski" National Military University, Veliko Tarnovo, Bulgaria

PAPER TITLE: INVESTIGATION OF DAMAGE FROM RADIOLOGICAL DISPERSAL DEVICE

DR. MAGED FAROUK, PROF. NEYARA RADWAN

Onaizah Colleges, Saudi Arabia and Workers University, Egypt & Faculty of Economics & Administration, King Abdelaziz University, Jeddah, Saudi Arabia and Mechanical Department Faculty of Engineering, Suez Canal University, Ismailia, Egypt

PAPER TITLE: APPLYING ARTIFICIAL INTELLIGENCE APPLICATIONS IN MOBILE HEALTH SECTOR (MHEALTH) FOR COMBATING COVID-19 IN SAUDI ARABIA: ROLES, CHALLENGES AND RECOMMENDATIONS

ASSOC. PROF. DIMITRIOS A. KARRAS

Canadian Institute of Technology, Albania

PAPER TITLE: ON A COMPARATIVE ANALYSIS IN INDEXED DATABASES OF RESEARCH PERFORMANCE TRENDS IN WESTERN BALKANS

ASSOC. PROF. DIMITRIOS A. KARRAS

Canadian Institute of Technology, Albania

PAPER TITLE: ON THE INTEGRATION OF ELECTRIC VEHICLES TO THE GRID: PROFILES, POTENTIAL BUSINESS MODELS AND CHALLENGES

MAJLINDA FETAJI, AFAN HASAN, FJOLLA FETAJI

South East European University and International Balkan University & S Cyril and Methodius University, Faculty FINKI Informatics, North Macedonia

PAPER TITLE: ANALYSES OF POSSIBILITIES OF REDUCING THE NUMBER OF STATES OF AUTOMATA:

CASE STUDY EXAMPLES

PROF. BEKIM FETAJI/ MAJLINDA FETAJI / MIRLINDA EBIBI

Mother Tereza University, Skopje, North Macedonia

PAPER TITLE: ANALYSES OF DIGITALIZATION POSSIBILITIES IN EDUCATION AND ASSESSING THE IMPACT OF GAMIFICATION OF MATHEMATICS

Session 2

FINANCIAL ANALYSIS AND TRANSFORMATIONS IN ECONOMY - 2

SESSION CHAIR: PHD. EDMIRA ÇAKRANI

DR. ENRIKO CEKO

Canadian Institute of Technology, Albania

PAPER TITLE: A WORLDWIDE ANALYSIS OF THE ENGINEERING INDEX UNDER A QUALITY MANAGEMENT APPROACH

ASSOC. PROF. REIS MULITA

Canadian Institute of Technology, Albania

PAPER TITLE: CHALLENGING APPLICATION OF THE CIRCULAR ECONOMY THROUGH ARTIFICIAL INTELLIGENCE

PHD(C). GJERGJI Tafa / PHD(C). BESARTA Tafa

'Foodway' shpk / Canadian Institute of Technology, Albania

PAPER TITLE: FINANCIAL INSTITUTIONS BEFORE AND AFTER THE PANDEMIC OF COVID 19, AN EMPIRICAL MEASUREMENT OF THEIR FINANCIAL STABILITY

PHD. BLENDAR MACKA / PHD. EUGEN MUSTA

UBA Bank / Canadian Institute of Technology, Albania

PAPER TITLE: CHANGES IN THE ALBANIAN LEGAL AND FINANCIAL REGULATORY FRAMEWORK REQUIRED TO ACCOMMODATE ISLAMIC FINANCE

PHD. JONA PUCI / MSC. MEGI MULLALLI

Canadian Institute of Technology, Albania

PAPER TITLE: ANALYSIS OF BANKS' CAPITAL STRUCTURE: THE CASE OF ALBANIA

PHD. EDMIRA ÇAKRANI / MSC. IBRAHIM ÇEKIRI

Canadian Institute of Technology, Albania

PAPER TITLE: AN ARIMA MODEL FOR FORECASTING THE EXCHANGE RATE OF THE ALL/EUR IN ALBANIA

PHD(C). ABOLI NIPHADKAR / PHD. AJAY KUMAR MISHRA / PROF. DR. VIJAYAKUMAR VARADARAJAN

Faculty ADYPU University, Pune, Maharashtra / Faculty ADYPU University, Pune, Maharashtra / ADYPU India, Unsw Australia, Ssbm Geneva

PAPER TITLE: DIGITAL MARKETING AND ITS REPERCUSSION ON WHAT CUSTOMER PREFER TO BUY

Session 3

STUDENTS SESSION

SESSION CHAIR: ASSOC. PROF. DR. VASIL QANO

DELOMIR EMINI / MSC. KLEA ÇAPARI / PHD. DONALD ELMAZI

Canadian Institute of Technology, Albania

PAPER TITLE: EFFICIENCY PERFORMANCE EVALUATION ON MULTI-USER WEB APPLICATION PLATFORMS IN CLOUD COMPUTING

BRIKELDA LICAJ / ENG. SHEFQET MEDA / ASSOC. PROF. DIMITRIOS A. KARRAS

Canadian Institute of Technology, Albania

PAPER TITLE: THE INCORPORATION OF COMPLEX MACHINE LEARNING ALGORITHMS INTO IOT BASED SMART VESSELS AUTOMATION WITH ENHANCED SECURITY

ORESTI LEKA / ENG. SHEFQET MEDA

Canadian Institute of Technology, Albania

PAPER TITLE: REAL TIME SIGN LANGUAGE DETECTION WITH TENSORFLOW AND REACTJS TO ACCOMMODATE THE NEED OF PEOPLE WITH FEWER OPPORTUNITIES

ERASMIA VARFI / MSC. ANXHELA BARAJ / ENG. SHEFQET MEDA

Canadian Institute of Technology, Albania

PAPER TITLE: DEPLOYING A SCALABLE SERVERLESS WEB / MOBILE APPLICATION FOR A BUSINESS USING IOT CORE SERVICES

MSC. ZEJNEB OSMANI

Canadian Institute of Technology, Albania

PAPER TITLE: THE ROLE OF STRATEGIC PLANNING IN IDENTIFYING AND ASSESSING THE ENVIRONMENTAL FACTORS AFFECTING BUSINESSES

KAMILA HYKA / PHD(C), ERJONA DESHATI

Canadian Institute of Technology, Albania

PAPER TITLE: IMPACT OF SOCIAL MEDIA ON THE BRAND AWARENESS OF ALBANIAN COMPANIES

ODETA SIPRI / PHD, DITILA EKMEKCIU

Canadian Institute of Technology, Albania

PAPER TITLE: THE IMPACT OF DEBT ON PROFITABILITY, THE CASE OF ROSSMANN&LALA

VISELDA BEQIRAJ / MSC. KLEA ÇAPARI / ASSOC. PROF. DR. DIMITROS A. KARRAS

Canadian Institute of Technology, Albania

PAPER TITLE: SOFTWARE DEVELOPMENT USING .NET FRAMEWORK AND .NET CORE

ESTELA POGACE / ASSOC. PROF. DR. DIMITROS A. KARRAS

Canadian Institute of Technology, Albania

PAPER TITLE: ON A* GRAPH SEARCH ALGORITHM HEURISTICS IMPLEMENTATION TOWARDS EFFICIENT PATH PLANNING IN THE PRESENCE OF OBSTACLES

04:45 PM - 05:15 PM

ROOM: AUDITORIUM

**CLOSING CEREMONY – CONCLUDING REMARKS -
COCKTAIL PARTY**

ICITTB 2022

**“INTERNATIONAL CONFERENCE ON INTELLIGENCE – BASED
TRANSFORMATIONS OF TECHNOLOGY AND BUSINESS”**

SHAPING THE FUTURE: DIGITAL ECONOMY AND RECENT
TECHNOLOGY TRENDS



MEET US ON ZOOM



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