International Conference
in Computing, Information Technology and Business Applications (ICCITBA)

Dear academics, researchers, scientists and technologists, scholars, research firms and government agencies,

We are glad to invite you in our first International Conference in Computing, Information Technology and Business Applications (ICCITBA) which will be held on 6th of May 2017 in Durrës, Albania.

The conference will be organized by the collaboration of *Faculty of Information Technology, "Aleksandër Moisiu" University of Durrës* and *Canadian Institute of Technology*.

The primary goal of the conference is to promote research and developmental activities in Information Technology and Systems, Computer Science, Computational Engineering, ICT applications in business and other fields related to ICT.

Another goal is to promote scientific information interchange between researchers, developers, engineers, students, and more offering premier interdisciplinary platform to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the fields of Computing and Information Technology.

All honorable authors are kindly encouraged to contribute and help shape the conference through submissions of their research abstracts, papers and posters.

Conference Main Topics

All submitted manuscripts should contain previously unpublished original research. Topics of interest include, but are not limited to the following fields:

- **Technology Trends**
- **Industrial Electronics**
- **Intelligent Systems**
- **Machine Vision**
- **Communications**
- **Security**
- **E-Learning**
- **Business Applications**
- **Computer Sciences**
- **Database Technologies**
- **Information Systems**
- **Mathematics and Computing**

Review Process

The review process will be double-blind. Each paper will be reviewed by at least two members of scientific committee. The acceptance decisions will take into account paper novelty, technical depth, elegance, practical or theoretic impact, and presentation.

- *Original*: the paper explores a new idea, project or issue; discusses existing research with promise of new insight, discusses new research; or presents new ways of considering existing information
- *Engaging*: presentation format will involve the audience in some way, or has high potential to attract conference attendees by addressing needs of the community
- Significant: the paper raises and discusses issues important to improving the effectiveness and/or sustainability of open education efforts, and its contents can be broadly disseminated and understood
- *Quality*: claims are supported by sufficient data; claims draw upon relevant literature; and limitations are described honestly
- *Relevant*: the paper addresses one or more of the themes of the conference

Formatting Guidelines

- Papers must be in English and not more than 10 double column pages in length.
- Paper content must be original and relevant to one of the many conference topics.
- Authors are required to ensure accuracy of quotations, citations, diagrams, maps, and tables.
- Figures and tables need to be placed where they are to appear in the text and must be clear and easy to view.
- Papers and presentations must follow the format according to the downloadable templates from the conference website.

Types of presentation and publications:

- The ICCITBA conference will be held in Durrës in Oral, Poster, and Videoconference Sessions.
- All accepted papers will be published in Proceedings Book (ISBN- print and ISSN – Online) and selected papers will be offered to publish for free in Scientific Journal.
- The conference language is English.
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Important Dates

- Abstract submission due: ~~20 February 2017~~ – 28 February
- Acceptance Notification: until 07 March 2017
- Extended Abstract submission Due: 31 March 2017
- Acceptance Notification :   10 April 2017
- Author Registration: 10 - 20 April 2017
- Conference Date: 06 May 201**7**

Registration

- The registration fee for every paper is 50 € for the first author and an additional 20 € for each coauthor.
- A special registration for student session is for free. (Student will be considered bachelor or Master Students).
- If a coauthor has contributed in more than one paper than he/she has to make only one single fee payment (20€). If the coauthor has contributed at least in one other paper as first author than the coauthor fee payment is not necessary.
- One regular registration can cover a paper between five to ten pages, including all figures, tables, and references.
- One regular registration with one or more additional papers has only one proceeding book.
- For your final paper to be published, the registration in the conference must be completed by deadline. Otherwise, the paper will not be included in the Conference Program.

Contact us

All communication concerning the ICCITBA should be sent to any of the following addresses.

Web: http://conference.cit.edu.al

ICCITBA Secretariat in Durrës and Tirana

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Conference Detailed Topics

Technology Trends

- Internet of Things
- Cloud Computing
- Smart Cities
- Machine to Machine
- High Performance Computing
- Mobile Applications
- Social Computing
- Software Engineering and Quality
- Open source technologies
- Green technologies

Industrial Electronics

- Nanotechnologies
- Smart Grids
- Sensing and Sensor Networks
- Power Electronics
- Digital Circuits
- Analog Circuits & Signal Processing
- Design Automation
- Computer and Control Systems
- Factory Automation
- Motion Control

Intelligent Systems

- Artificial Intelligence
- Neural Networks
- Fuzzy Logic
- Expert Systems
- Agents and Multi-agent Systems
- Natural Language Processing
- Support Vector Machines
- Ambient Intelligence
- Sentiment Analysis

Machine Vision

- Robotics
- Human Computer Interaction
- Computer Vision
- Image Processing
- Geographic Information Systems
- Video Analysis
- Medical Diagnosis
- Segmentation Techniques
- Augmented Reality
- Virtual Reality

Communications

- Connected Machines
- Networking
- Wireless/ Mobile Communication
- Quantum Computing
- Satellite Communication Systems
- 3G/4G Network Evolutions
- Mobile Ad-Hoc Networks
- Open Spectrum Solutions
- Communication Protocols
- Cognitive Radio

Security

- Privacy
- Surveillance
- Biometrics
- Internet Security
- Electronic Data Interchange (EDI)
- Web Services and Performance
- Secure Transactions
- Cryptography
- Secure Protocols
- Cyber Security

e-Learning

- e-Learning Tools
- Mobile Learning
- e-Learning Organizational Issues
- Collaborative Learning

Business Applications

- e-Business Ontologies and Models
- e-Commerce Application Fields
- e-Commerce Economics
- e-Commerce Services

- Curriculum Content Design
- Educational Systems Design
- Virtual Learning Environments
- Web-based Learning
- Delivery Systems and Environments

- Digital Marketing
- Enterprise Resource Planning
- Virtual Organizations
- Web Analytics

Computer Sciences

- Algorithms and data structures
- Automated Reasoning
- Logic Programming
- Formal Language Theory
- Parallel Programming
- Programming Languages & Software Engineering
- Software Development Methodologies
- Distributed systems and Algorithms
- Hybrid Learning Systems
- Optimization Algorithms
- Multimedia Support & Applications
- Game theories and animation

Database Technologies

- Data Models and Query Languages
- Database Monitoring and (Self-) Tuning
- Data Warehousing, OLAP and ETL Tools
- Data Mining and Knowledge Discovery
- Big Data Storage, Replication, and Consistency
- Web, XML and Semi-Structured Databases
- Sensor Databases and Mobile Data Management
- Probabilistic Databases, Uncertainty and Approximate Querying
- Temporal and Spatial Databases
- Graph Databases
- Distributed Data Platforms, Including Cloud Data Systems, Key-Value Stores, and Big Data Systems

Information Systems

- Decision Support Systems
- Intelligent Informatics Systems
- IT Diffusion and Adoption
- Knowledge Management
- Network Economics
- Outsourcing
- Systems Design and Implementation
- Workflow and Process Management
- Data quality, cleansing, curation, annotation and provenance.
- Artificial intelligence in databases and information systems
- Data, information, and information systems security
- Innovative approaches for database and information systems engineering

Mathematics and Computing

- Tools for Computational Mathematics
- Algebra, Algebraic Geometry, Number theory and applications
- Computability, Foundations of Mathematics and Computer Science
- Computational Aspects of Boolean Logic, Circuits and Graphs
- Unconventional Numbering Systems
- Experimental Techniques for Open Problems in Computational Mathematics Real, Complex, Functional and Numerical Analysis,
- Ordinary and Partial Differential Equations, application in Engineering.
- Probability Theory, Stochastic Analyses, Operation Research and Statistics
- Mathematical Modeling and Application