# USEFUL INFORMATION

## IMPORTANT DATES

**Submission Deadline**
➲ March 15, 2021

**Authors Notification**
➲ May 1st, 2021

**Camera Ready & Registration date**
➲ May 15, 2021

**Conference Date**
➲ May 25-26, 2021

## REGISTRATION FEES

| | |
|---|---|
| Phd Students | 5000 DA |
| Lecturers-researchers | 7500 DA |
| Professionals | 10 000 DA |
| Researchers from foreign universities | 135 Euro |

## CORRESPONDANCE

ICCSA'2021 Secretariat, Research Laboratory on Computer Science's Complex Systems, University of Oum El Bouaghi, PO Box. 358 Constantine Street, 04000 Oum El-Bouaghi, Algeria

**Emails: ICCSA.2021@univ-oeb.dz**
**ICCSA.2021@gmail.com**

**For more information :**
**http://www.univ-oeb.dz/relacs/ICCSA2021.html**

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# ICCSA'2021

**ICCSA 2021**

**The Second International Conference on Computer Science's Complex Systems and their Applications - Oum El Bouaghi - Algeria**

**May 25-26th, 2021**
**Online Conference**

**Organised by**
**Research Laboratory on Computer Science's Complex Systems**

Faculty of Exact Sciences and LNS
Larbi Ben M'hidi University
Oum El Bouaghi. Algeria

# CONFERENCE CHAIRS

## HONORARY CHAIR

Pr. Zohir Dibi, Rector of the University of Oum El Bouaghi.

## HONORARY CO-CHAIR

Dr. Nacer Hebbir, Dean of the Exact Sciences and LNS Faculty, University of Oum El Bouaghi.

## GENERAL CONFERENCE CHAIR

Dr. Toufik Marir, Head of RELA(CS)², University of Oum El Bouaghi, Algeria.

## PROGRAM COMMITTEE CHAIR

Dr. Abdelhabib Bourouis, University of Oum El Bouaghi,. Algeria.

## ORGANIZING COMMITTEE CHAIR

Dr. Zakaria Laboudi , University of Oum El Bouaghi.

## INVITED SPEAKERS

Pr. Cong Duc Pham (University of Pau, Pau, France).

Pr. Maroua Bouzid-Mouaadib (University of Caen, Caen, France).

Pr. Varun Gupta (University of Beira Interior, Portugal).

# DESCRIPTION

Following the success of the previous edition of the ICCSA'16, we are pleased to announce the Second International Conference on Computer Science's Complex Systems and their Applications ICCSA'2021, which will take place at the University of Oum El Bouaghi, Algeria, on May 25-26th, 2021.

The aim of the ICCSA'2021 conference is to provide a platform for researchers, engineers and industrial professionals from all over the world to present their research results and development activities in different fields of Complex Systems.

This conference will provide opportunities for all participants to exchange new ideas and application experiences, to establish business or research relations and to find global partners for future collaboration.

# TOPICS

## COMPUTER NETWORKS AND INFORMATION SECURITY

Mobile and Wireless Network, Vehicular networks, Ad hoc and mesh networks, Internet of Things and Cyber-physical systems, Software defined networks and network virtualization, Attacks, Detection and Prevention, Cryptanalysis, Lightweight Cryptographic Algorithms and Applications, Key Distribution and Management, Security of Blockchain Technology, Security of Cyber Physical Systems, Security Risk Management.

## IMAGE AND VIDEO PROCESSING

Image and video encryption, Image and video enhancement, Image retrieval and indexing, Image and video coding, Tracking, Pattern recognition, 3D image analysis, Texture and motion analysis, Image and video segmentation, Human activity recognition, 3D object reconstruction, Human comportment analysis in images sequence, Human emotion analysis in images sequence, Biometric systems.

## EMBEDDED SYSTEMS

Codesign, System Level Languages for embedded systems, Reconfigurable Architectures for embedded systems, Networks On Chip, RTOS.

## DISTRIBUTED INTELLIGENT SYSTEMS ENGINEERING

Automated reasoning and inference, Planning and theories of action, Intelligent interfaces, Natural language processing, Agent development environments, Agent models, architectures and languages, Agent-based modeling and simulation: tools, and cases, Agent-oriented software engineering, Service-Oriented Architecture, Cloud Computing, Neural networks, Deep Learning.

## MODELLING AND SIMULATION

Simulation techniques, Simulation methods, Simulation formalisms, Simulation or analysis software, and Simulation case Studies.