

1st International Conference on Applied Automation and Industrial Diagnostics, ICAAID 2015

29-30 March 2015, Djelfa, Algeria

- Honorary Chairs**
 Pr. Choukri Ali, Rector of Djelfa University, Algeria
 Dr. Boubakeur Benchikh, Dean of the Faculty of Technology, U.Djelfa, Algeria
- General Chairs**
 Dr Ahmed Hafaifa, LAADI, Djelfa University, Algeria
 Dr kouzou abdellah, LAADI, Djelfa University, Algeria
- Scientific committee chairs**
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 Dr Djoudi Dalila, LAADI, Djelfa University, Algeria
- Organizing Chairs**
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 Mr Hasek Sofian, LAADI, Djelfa University, Algeria
 Mr M. Amine JAOUAF, Djelfa University, Algeria
- Technical program committee Chairs:**
 Dr Guemana Mouloud, LAADI, Médéa University, Algeria.
 Dr Cherroun Lakhmssi, LAADI, Djelfa University, Algeria
- Publication Chairs**
 Pr. Kamal Mohammedi, MESOteam, UMBB Boumerdes University, Algeria
 Pr. Mohamed MOUDJAHED, Tiarret University, Algeria
- Finance Chairs:**
 Dr Mansour Omar, LAADI, University of Djelfa, Algeria
 Mr Dif Ismail, University of Djelfa, Algeria
- Registration Chairs**
 Mr Djandaoui Dahmane, University of Djelfa, Algeria



The **1st International Conference on Applied Automation and Industrial Diagnostics, ICAAID 2015**, will be held in DJELFA, Algeria from 29 to 30 March 2015. The conference is organised by the Applied Automation and Industrial Diagnostics Laboratory LAADI, University of DJELFA, Algeria. **ICAAID 2015** focuses on both industrial Automation systems applications and theory largely covering the topics of artificial intelligence, modelling, control, diagnosis and reliability engineering in application areas, for improving the reliability of materials and devices in industrial systems. The main aim of the **ICAAID 2015** is to bring together all potential participants: from industry, experts, researchers, academics, manufacturers and suppliers of several countries to review the latest developments that are achieved in these areas and to exchange research ideas to explore current challenges in modelling, control, diagnosis and reliability engineering from theoretical and application point of views. The topics of interest include, but are not limited to, the following:

<p>Intelligent Control Automation Systems</p> <p>Control theory Integrated automation systems Intelligent control systems Neural networks control Fuzzy control Hybrid systems control Intelligent control systems Bioprocesses systems Embedded control systems Robot dynamic and control SCADA Systems</p>	<p>Modelling and Identification Systems</p> <p>Systems theory Process Automation Modelling Non-linear systems Large-scale systems Optimization Models Dynamic modelling Computational algorithms Model Reduction Model validation Fuzzy identification Aggregate modelling system</p>	<p>Diagnosis and Fault Tolerant Control</p> <p>Fault diagnosis systems Fault tolerant control Fault diagnosis software Fault diagnosis applications Fault detection and identification Model-based FDI techniques Sensor and process faults Monitoring systems Re-configuration systems Decision making in diagnosis</p>	<p>Reliability Engineering and Failures analysis</p> <p>Reliability systems Fuzzy reliability Robust reliability system Failures analysis Fault detection software Prognostics systems Intelligent acquisition data Intelligent multi-agent system Autonomous Systems Lifetime systems Maintenance system</p>
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Paper Submission:
 Papers must be written in English or French and should describe the work in detail. Please download the template from the conference website: <http://www.univ-djelfa.dz/icaaid>

Paper submission is through: <https://cmt.research.microsoft.com/ICAAID2015/Default.aspx>

Accepted and presented, peer-reviewed papers will be published in Indexed and Abstracted Journals.

If you have any comments or requests and for submit the full papers, contact the conference secretariat to: icaaid@univ-djelfa.dz or laadi@univ-djelfa.dz

Important Dates:

Deadline for Full Paper submission: **December 25, 2014** **January 15, 2015**

Notification of Acceptance: **February 01, 2015** **February 15, 2015**

Deadline for Camera Ready: **March 01, 2015**

