

The 2nd International Conference on Applied Automation and Industrial Diagnostics, ICAAID 2017, 16-17 September 2017, Djelfa, Algeria

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The 2nd International Conference on Applied Automation and Industrial Diagnostics, ICAAID 2017, will be held in DJELFA, Algeria from 16 to 17 September 2017. The conference is organised by the Applied Automation and Industrial Diagnostics Laboratory LAADI, University of DJELFA, Algeria. ICAAID 2017 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 2017 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:

Intelligent Control Automation Systems	Modelling and Identification Systems	Diagnosis and Fault Tolerant Control	Reliability Engineering and Failures analysis
Control theory	Systems theory	Fault diagnosis systems	Reliability systems
Integrated automation systems	Process automation modelling	Fault tolerant control	Fuzzy reliability
Intelligent control systems	Non-linear systems	Fault diagnosis software	Robust reliability system
Neural networks control	Large-scale systems	Fault diagnosis applications	Failures analysis
Fuzzy control	Optimization models	Fault detection and identification	Reliability software
Hybrid systems control	Dynamic modelling	Model-based FDI techniques	Prognostics systems
Intelligent control systems	Computational algorithms	Sensor and process faults	Intelligent acquisition data
Smart telecommunications networks	Model validation	Monitoring systems	Intelligent multi-agent system
Embedded control systems	Fuzzy identification	Re-configuration systems	Lifetime systems
SCADA Systems	Aggregate modelling system	Decision making in diagnosis	Maintenance system

Paper Submission:

Papers must be written in English and should describe the work in detail. Please download the template from the conference website: <http://www.univ-djelfa.dz/icaaid17>

Paper submission is through: <https://cmt3.research.microsoft.com/ICAID2017>

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

Important Dates:

Deadline for Full Paper submission: **June 15, 2017**
 Notification of Acceptance: **July 25, 2017**
 Deadline for Camera Ready: **August 20, 2017**

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