

# The 4<sup>th</sup> International Conference on Applied Automation and Industrial Diagnostics, ICAAID 2022, 29-31 March 2022, Hail, KSA

**ICAAID2022**

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4<sup>th</sup> International Conference on

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The 4<sup>th</sup> International Conference on Applied Automation and Industrial Diagnostics, ICAAID 2022, will be held in Hail, KSA from 29 to 31 March 2022. The conference is organised by the College of Engineering of Hail University in collaboration with the Applied Automation and Industrial Diagnostics Laboratory LAADI, University of DJELFA, Algeria.

ICAAID 2022 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 2022 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,

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: <https://conference.uoh.edu.sa/ICAAID2020/>

Paper submission is through: <https://cmt3.research.microsoft.com/ICAAID2020>

- The conference will be submitted for approval of the IEEE technical sponsorship and for inclusion of the conference proceeding in IEEE Xplore.
- It is expected that best selected paper will be published in precious journals.

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

## Important Dates:

Deadline for Full Paper submission:	<b>December 24, 2021</b>
Deadline for Special session proposal	<b>December 15, 2021</b>
Deadline for Tutorial and Workshop proposal:	<b>February 28, 2022</b>
Notification of Acceptance:	<b>February 06, 2022</b>
Deadline for Camera Ready:	<b>February 28, 2022</b>



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