The third IEEE Workshop on Artificial Intelligence for HealthCare (AIHC 2022)

The aim of this workshop is to bring together academics, students and industry researchers to exchange and share their experiences and research results on all aspects of Artificial Intelligence for HealthCare. This workshop is co-located with IEEE IRI 2022, 9-11 August which will take place virtually.

*All the authors will be invited to expand and submit their papers for possible publication in a Springer Nature Computer Sciences (SNCS) journal Special Issue **(TBC)***

Topics of interest include, but are not limited to:

- Machine/Deep learning for cancer detection and prediction;
- Machine/Deep Learning for medical images classification;
- Case-Base-Reasonning for automatic diagnosis;
- Artificial intelligence techniques in medicine;
- Knowledge discovery in medicine ;
- Medical expert systems ;
- Machine learning-based medical systems;
- Medical signal and image processing techniques;
- Computer-assisted Diagnosis .

Important dates
• Paper submission deadline: May 15, 2022
• Paper notification: June 1, 2022
• Camera ready submission deadline: June 19, 2022
• Conference events: August 9-11, 2022

Paper submission
Submitted papers must be unpublished and not considered elsewhere for publication. Submissions will undergo a rigorous review process handled by the Technical Program Committee. Papers will be selected based on their originality, significance, relevance, and clarity of presentation. Only electronic submissions in PDF format through the EasyChair submission site   https://easychair.org/conferences/?conf=ieeeaihc22 will be considered. Papers must be in English, up to 8 pages in IEEE format, including references and appendices. The IEEE LaTeX and Microsoft Word templates, as well as formatting guidelines, can be found on the paper submission instructions available at the main conference website.

Paper Publication
At least one of the authors must register and present each accepted paper. Registered and presented papers will be published as workshop papers in the IEEE IRI conference proceedings published by IEEE Computer Society Press and included in the IEEE Xplore Digital Library. As for previous editions of the workshop, all the authors will be invited to expand and submit their papers for possible publication in a Springer Nature Computer Sciences (SNCS) journal Special Issue (TBC)

Workshop Chair
- Lydia Bouzar-Benlabiod - École nationale Supérieure d'Informatique (ESI), Algeria

Program Committee
- Moulay Akhloufi, Université de Moncton, Canada.
- Leila Hamdad, Ecole nationale Supérieure d'Informatique, ESI, Algeria.
- Abdellah Kaci, Ecole Nationale Supérieure de Technologie (ENST), Algeria.
- António J. R. Neves, University of Aveiro, Portugal.
- Rakesh Kumar Mahendran, SRM Institute of Science and Technology, India.

Contact
l_bouzar@esi.dz