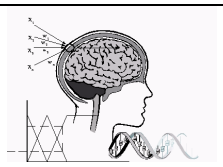
International

Innovation in Knowledge Based and Intelligent Engineering Systems



INVITED SESSION SUMMARY

Title of Session: Generative AI in the healthcare system: friend of foe?

Name of Chair: Prof Smaranda Belciug
University of Craiova
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Name of Co-Chair: Prof Lakhmi C. Jain
KES International

Details of Session:

Research papers are invited on smart techniques applied Healthcare including the use of ChatGPT. This track welcomes original methodological and/or contributions that regard artificial intelligence methods in the healthcare domain. A special interest will regard the use of Generative AI, explainable AI, and other related paradigms.

Below is a list of tentative topics which will form a basis for the invited session.

- Case studies of using generative AI in healthcare
- Intelligent Patient Management
- Smart diagnostic tools
- Generating new data for medical purposes
- Educational & Training Kits for Healthcare Staff using Artificial Intelligence

Timelines:
31 March 2026—paper submission deadline

30 April 2026 --Notification to the corresponding author

20 May 2026--- camera-ready paper due

Main Contributing Researchers / Research Centres (tentative, if known at this stage):

- University of Craiova, Romania
- Romanian Academy Institute of Mathematics Simion Stoilow, Romania
- University of Medicine and Pharmacy of Craiova, Romania
- Department of Health care and Social Work, New Bulgarian University, Sofia, Bulgaria
- Universit`a del Piemonte Orientale, Alessandria, Italy
- Biometrics Technologies Laboratory, University of Calgary, Canada
- *Swinburne University of Technology, Melbourne, Australia*

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