

Global Congress on **HEALTHCARE AND TECHNOLOGIES**

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**Knowledge engineering paradigms in the Intelligent healthcare and medical knowledge-based systems****Abdel-Badeeh M. Salem***Ain Shams University, Cairo*

Knowledge engineering (KE) deals with the development of intelligent information systems in which knowledge and reasoning play pivotal role. KE is a subfield of artificial intelligence (AI) and includes: ontological engineering, knowledge acquisition, knowledge-based systems, knowledge compilation, shells and tools, methodologies, modeling, knowledge management, knowledge discovery, and knowledge representation. The talk is devoted to discussion of current research of the AI techniques and knowledge engineering paradigms in developing the intelligent healthcare and medical knowledge-based systems. Moreover, the talk addresses the technical challenges faced by the software knowledge engineers in developing such systems. In addition, the talk presents some applications of the developed systems by the author and his colleagues at AIKER-Labs for cancer, heart, brain tumor, Alzheimer, thrombosis and COVID-19 diseases

**Biography**

Abdel-Badeeh Salem is a full Professor of Computer Science since 1989 at Ain Shams University, Egypt. He has published around 600 papers (110 of them in Scopus). He has been involved in more than 600 International conferences and workshops as; a keynote and plenary speaker, member of Program Committees, workshop/invited session organizer, Session Chair and Tutorials.. In addition he was a member of many international societies. In addition he is a member of the Editorial Board of 50 international and national Journals Also, He is member of many Int. Scientific Societies and associations elected member of Euro Mediterranean Academy of Arts and Sciences, Greece. Member of Alma Mater Europaea of the European Academy of Sciences and Arts, Belgrade and European Academy of Sciences and Arts, Austria

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