



EXPLORING THE FRONTIER

Reshaping Scientific Discovery

with

Agentic AI**JRCAI**مركز الأبحاث المشترك للذكاء الاصطناعي
Joint Research Center for AI

SDAIA

KFUPM

- 01 Scientific research methodology has long been humanity's most powerful engine for understanding the world. **Now, AI augmentation tools are emerging** that can navigate literature, interpret figures and tables, and synthesize findings across thousands of studies.

This seminar explores how these capabilities are amplifying—not replacing—the researcher's ability to push the boundaries of knowledge.

02 Speakers

◆ MODERATOR

**Dr. Omar Hammad**

Assistant Professor, ICS, KFUPM

★ FEATURED SPEAKER

**Mr. Ridwan Jalali**

Senior Data Scientist, Humain

03 Biography

Ridwan is a senior data scientist at **Humain**. Prior to joining Humain, he worked for **13 years in Saudi Aramco** in the simulation systems department developing machine learning solutions. He has a Master's degree in computer science with a focus on computer vision.

Ridwan has wide experience in parallel systems and numerical simulation. When not on duty, Ridwan enthusiastically works on simulation and data analysis for **Astronomy and Astrophysics**.