Al-Hussein Bin Talal University

Faculty Member – Brief Curriculum Vitae

1. Personal Information:

Full Name: Ahmad AL-BADAWI Faculty / Department: Science/ Physics

Academic Rank: Prof. Dr. Area of Specialization: Theoretical physics:Quantum Gravity, Black holes, Cosmology

Date of Appointment: 2004 Date of Current Rank: 2018 Email:ahmadalbadawi@hotmail.com

2. Academic Qualifications:

Qualification	Specialization	University / Country	Graduation Year
B.Sc. in physics	Physics	Eastern Mediterranean University	1992
M.Sc. in Physics	Physics	Eastern Mediterranean University	1994
PhD in Physics	General Relativity	Eastern Mediterranean University	1998

3. Academic and Administrative Experience:

Rank / Position / Assignment	Institution / Unit	Period
Professor ship	Physics Dept. /AL-Hussein Bin Talal University	2018- Present
Associate Prof.	Physics Dept. /AL-Hussein Bin Talal University	2015- 2017
Associate Prof.	University of Hail (Saudi Arabia)	2010- 2015
Associate Prof.	Physics Dept. /AL-Hussein Bin Talal University	2006- 2010
Assistant Prof.	Physics Dept. /AL-Hussein Bin Talal University	2004- 2006
Assistant Prof.	Physics Dept. /Applied Science University	2002- 2004
Assistant Prof.	Eng. Faculty /Cyprus International University	2000-2002
Phys.& Math Instructor	Philadelphia School (Jordan)	1999- 2000
Research Assistant (Ph.D.)	Physics Dept. /Eastern Mediterranean University	1994- 1998
Research Assistant (M.S.)	Physics Dept. /Eastern Mediterranean University	1992-1994

4. Teaching and Academic Supervision:

Key Courses Taught: Mathematical Physics I &II, Electromagnetic I & II, Classical Mechanics I & II, Introduction to General Relativity, Modern physics, Quantum physics I & II, General Physics 101, General Physics 102, Calculus I, Calculus II, Differential Equation, Electronic, Digital Electronics, Thermodynamics, Circuits and Signals, Heat and Waves. Medical Physics.

Master's Theses Supervised (Number): 2 Doctoral Dissertations Supervised (Number): .....

5. Scholarly Publications and Research Projects:

- Peer-Reviewed Journal Articles: Total 130+ | Last Five Years 100 | Books / Chapters / Patents .....
- Citations: 2122 h-index: 28 Database: google scholar Date Updated: 2026

• Three Selected Publications (Title, Journal, Year, DOI):

1. F. Ahmed, A. Al-Badawi, Mohsen Fathi, Journal of High Energy Astrophysics 53 100627 (2026) – Some phenomenological aspects of a quantum-corrected Reissner-Nordström black hole: quasi-periodic oscillations, scalar perturbations and thermal fluctuations.

2. A. Al-Badawi, F. Ahmed, I. Sakallı, Physics of the Dark Universe 52 102245 (2026) – Letelier black hole in electromagnetic universe.

3. A. Al-Badawi, S. Shaymatov and Y. Sekhmani, JCAP 02(2025)014 -Schwarzschild Black Hole in Galaxies Surrounded by a Dark Matter Halo.

• Key Research Project / Grant (Funder, Role, Year): .....

6. University and Community Service and Achievements:

• Key Committees / Accreditation and Quality Initiatives / Community Service: .....

• Three Major Achievements with Documented Impact:

1. .....
2. .....
3. .....

7. Declaration:

I certify that the information provided above is accurate and that supporting evidence can be supplied upon request.
Faculty Member's Name: Ahmad Al-Badawi Signature: ..... Date: 2026