

Bothaina Sallat

Theoretical Physics Researcher



Contact Information

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- Latakia-Syria

PROFILE

NATIONALITY: SYRIAN DATE OF BIRTH: 15/10/1994
Bothaina Sallat is a Syrian researcher in theoretical physics. She graduated from Latakia University, Syria, in 2019. Later, she earned her Master’s degree in Theoretical Physics in 2024, specializing in plasma research. In 2026, she enrolled in her Ph.D. program to pursue her advanced research. Alongside her academic studies, she has been working as a laboratory instructor in the Department of Physics since 2020.

EDUCATION

- Present – 2026**
Ph.D. Student in Theoretical Physics | Latakia University (formerly Tishreen University), Latakia-Syria.
- 2024**
Master's degree in Theoretical Physics-Final grade: 83.22 %
- 2019**
Bachelor's degree in physics-Final grade: 76.52 %

RESEARCH PROJECTS

- Publication: " Surface patterns spread over a cylindrical interface (quantum plasma - insulator)" Supervised by: Prof.Dr: Najah Kabalan
- Master's Thesis: "Study of Surface Waves on Quantum plasma – Dielectric cylindrical interface ". Supervised by: Prof.Dr: Najah Kabalan .
- Ph.D. Dissertation (In progress) : " Interaction Surface plasmons with Bessel-Gaussian laser beam on a cylindrical plasma-dielectric interface ".Supervised by: Prof.Dr: Najah Kabalan . Co- Supervised by: Prof.Dr: Mahmoud Ahmad

EXPERIENCE

September 2020 - Present **LAPORATORY INSTRUCTOR**

- Taught the practical part of various courses at Tishreen University:
- "Vibrations and Waves, Electricity and Magnetism ", to second-year physics students [2020-present]
 - Communications Department at the Applied College [2023].
 - Department of Marine engineering at the Faculty of Mechanical and Electrical Engineering[2024]

LANGUAGE SKILLS

- Mother tongue(s): Arabic
- English:
[LISTENING A2 READING B1
WRITING A2 SPOKEN A2]

TECHNICAL SKILLS

- ICDL certified
- Research and Simulation Tools:
Python , Mathematica