

Date 27-9-2022

YOUSEF ADEL MAHMOUD
ALTAHARWAH



PERSONAL INFORMATION

Title: Faculty member

Academic Rank: Assistant professor

Date & Place of Birth: 4-2-1991/ Jordan-Amman-Sahab

Nationality: Jordanian

Address: Jordan-Amman-Sahab

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ACADEMIC QUALIFICATIONS

Degree	Major	Duration (From-To)	University	Country
Ph.D.	Mechanical Engineering (Thermal science and Fluid mechanics)	2017-2020	National Taiwan University of Science and Technology	Taiwan
M.Sc.	Mechanical Engineering (Renewable energy)	2016-2017	University of Lincoln	The United Kingdom
B.Sc.	Mechanical Engineering (General)	2009-2014	The University of Jordan	Jordan

دائرة الموارد البشرية
Human Resources Department

TEACHING EXPERIENCE				
Duration	Rank	Institution	Department/Faculty	Country
2022- till now	Assistant professor	Amman Arab University	Engineering/ Renewable Energy Engineering	Jordan
2020-2022	Assistant professor	National University College of Technology	Engineering/ Mechanical Engineering	Jordan

OTHER EXPERIENCE				
Duration	Rank	Institution	Department/Faculty	Country
2014-2016	Production Engineer	Deemah for Food industries	Food company	The Kingdom of Saudi Arabia

PUBLICATIONS				
JOURNALS				
Author/s (In Order)	Title	Journal	Vol./No	Publication Date
Y. A. Altaharwah, R. F. Huang, and C. M. Hsu.	Flow and mixing characteristics of a forward-inclined stack-issued jet in crossflow	International journal of heat and fluid flow	Volume 82	April 2020
Y. A. Altaharwah, R. F. Huang, and C. M. Hsu.	Dispersion and upwind-side shear-layer characteristics of forward-inclined transverse jet in crossflow	Experimental thermal and fluid science	Volume 115	July 2020
CONFERENCES				

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Human Resources Department

Author/s (In Order)	Title	Conference	Country	Date
Y. A. Altaharwah	Hydro-Fuel	U.S.- JORDAN PARTNERSHIP FOR UNIVERSITY LEADERSHIP AND STUDENTS ENGAGEMENT (PULSE)	Amman, Jordan	24-26- Jly-2022
Yousef Altaharwah, Rong Huang, and Ching Hsu.	Forward-Inclined Transverse Jet in Crossflow at Low Jet-to -Crossflow Momentum Flux Ratio	10th International Mechanical Engineering Conference	Cebu, Philippines	22-24 January. 2020

BOOKS

Author/s (In Order)	Title	Publisher	Edition	Date
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MEMBERSHIPS OF SCIENTIFIC AND PROFESSIONAL SOCIETIES

Jordanian Engineers Association.

Saudi Council of Engineers.

UNIVERSITY COMMITTEES

WORKSHOPS ATTENDED

Jordan Optimizing Solar Steam for Industry (JOSSI)

From 26-Jun-2022 to 08- July-2022

Location: Germany- Dresden

Institution: Helmholtz Zentrum Dresden Rossendorf (HZDR)

WORKSHOPS OFFERED

RESEARCH INTERESTS

Research Interest: Thermal science and fluid mechanics:

Area of specialization: Aerodynamics, Ventilation, Flow visualization technologies, Flow control and management technology, Internal combustion engines, Cooling of electronic devices, Channel flow, Vortex shedding evolution, Wind tunnels design, Measurement and calibration technologies of pressure, flow rate, flow velocity, and temperature.

Renewable Energy Technologies:

Solar panels, Wind turbines, Oil shale and biomass,

LANGUAGES

Arabic (Excellent)

English (Excellent)

Chinese (Moderate)

OTHER COMMUNITY ACTIVITIES

AWARDS RECEIVED

Granted Ph.D. full scholarship. National Taiwan University of Science and Technology for three years.

Granted M.Sc. partial scholarship. University of Lincoln for one year.

Granted B.Sc. full scholarship. Jordan Armed Forces for five years.

GRADUATE STUDENTS SUPERVISION

Student Name

Thesis Title

REFERENCES

Prof. Abdullah Al-Odienat

Dean of Engineering School

Arab Amman University

Amman, Jordan

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Prof. Rong Fung Huang

Chair Professor, Department of Mechanical Engineering

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