

Date 29/10/2022.

Bilal Ahmad Jarrah



PERSONAL INFORMATION

Title: Doctor

Academic Rank: Assistant Professor

Date & Place of Birth: 1/12/1970 Jordan

Nationality: Jordanian

Address: Irbid – Almazar Alshammali

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ACADEMIC QUALIFICATIONS

Degree	Major	Duration (From-To)	University	Country
PhD	Mech. Eng.	2013-2020	Ottawa	Canada
Master	Mech. Eng.	1993-1996	JUST	Jordan
Bachelor	Mech. Eng.	1988-1993	JUST	Jordan

دائرة الموارد البشرية
Human Resources Department

TEACHING EXPERIENCE

Duration	Rank	Institution	Department/Faculty	Country
2	Assistant Prof.	NUCT	Mech. Eng.	Jordan
9	Lecturer	BCT	Mech. Eng.	Saudi Arabia

OTHER EXPERIENCE

Duration	Rank	Institution	Department/Faculty	Country
2	Maintenance Eng.	Salem Babgi	Maintenance	KSA
3	Maintenance Eng.	MPWH	Maintenance	Jordan

PUBLICATIONS

JOURNALS

Author/s (In Order)	Title	Journal	Vol./No.	Publication Date
M. Tahat, Z. Kodah, B. Jarrah , and S.D Probert.	Heat transfers from pin-fin arrays experiencing forced convection,	<i>Journal of Applied Energy</i> , issue 67, vol. 4 pp. 419-442,		Nov. 2000.

CONFERENCES

Author/s (In Order)	Title	Conference	Country	Date
Necsulescu, D. S., and Jarrah, B. A. (2016).	Real-Time Temperature Control of Thin Plates.	Talk presented at the 3rd International Conference on Control, Dynamic Systems, and Robotics (CDSR'16),	Ottawa, Canada.	
Necsulescu, D. S., and Jarrah, B. A. (2017).	Real-Time Temperature control of a One Dimensional Metal Plate.	Talk presented at the 21st International Conference on Control Systems and Computer Science,	Bucharest, Romania.	
Necsulescu, D. S., Jarrah, B. A. , and Sasiadek, J. Z. (2018).	Experimental Verification for Closed Loop Control of Thin Plate Surface Temperature.	Talk presented at the International Conference on Automation, Quality and Testing, Robotics, AQTR 2018 (THETA 21),	Cluj-Napoca, Romania.	
Necsulescu, D. S., Jarrah, B. A. , and Sasiadek, J. Z. (2019).	Fractional Controller for Thin Plate Surface Temperature Control.	Poster presented at the 16th International Conference on Informatics in Control, Automation and Robotics (ICINCO 2019),	Prague, Czech Republic.	

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Necsulescu, D. S., Jarrah, B. A., and Sasiadek, J. Z. (2016). Closed - Loop Control of Plate Temperature using Inverse Problem. *Poster presented at the 13th International Conference on Informatics in Control, Automation and Robotics (ICINCO 2016)*, Lisbon, Portugal.

BOOKS

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

Jordanian Engineering Association

Ontario Society of Professional Engineers

UNIVERSITY COMMITTEES

Study Plans, University Course Schedule, Scientific Research, Quality Assurance, Exams, Employee, Course equivalency, and Faculty Member Selection.

WORKSHOPS ATTENDED

WORKSHOPS OFFERED

RESEARCH INTERESTS

Control, Fractional Control and Applied Mechanics

LANGUAGES

Arabic

English

OTHER COMMUNITY ACTIVITIES

AWARDS RECEIVED

GRADUATE STUDENTS SUPERVISION

Student Name

Thesis Title

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REFERENCES

Dr. Moh'd Alnimr

Dr. Dan Necsulescu