

CURRICULUM VITAE

جامعة الأزهر
Al-Azhar University-Gaza



Dr.-Eng. Mazen Abu Amro

Last Update:27/11/2018

PERSONAL DETAILS

Date Of Birth		Place Of Birth	Gaza
Nationality	Palestinian & German		
Martial Status	married	Gender	Male
Designation	Associate. Prof. In the Faculty of Engineering		
Department	Mechatronics Engineering		
Faculty	Engineering and Information Technology		
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ACADEMIC QUALIFICATIONS

(YEAR ,QUALIFICATION , INSTITUTION ,TITLE)

2007	Doctoral Degree, PHD, Technical University of Berlin (Optimization of a Sea State Independent Oil Skimming System by Numerical and Experimental Analyses)
2002	Master Degree, MSC, Technical University of Berlin (Mechanical Engineering and Transport Systems)

CAREER HISTORY

(START DATE - END DATE, EMPLOYMENT , ORGANIZATION)

2018 , till now	Dean of the Faculty of Engineering & IT ,Al-Azhar University - Gaza
2017 ,2018	Head of Engineering Department ,Al-Azhar Univer-sity - Gaza
2009 , till now	Lecturer ,Al-Azhar Univer-sity - Gaza
2013 ,2015	Head of Engineering Department ,Al-Azhar Univer-sity - Gaza
2008 ,2008	Managing Director ,Palestinian International Shipping Company GmbH
2002 ,2008	Scientific Assistant ,Naval Architecture and Ocean Engineering, TU of Berlin
1998 ,2002	Student Assistant ,Division of Ocean Engineering, Technical University of Berlin
1997 ,1998	Water Treatment Plants ,Aqua Teck

AREAS OF EXPERTISE

(AREA)

Renewable energy ,

SELECTED PUBLICATIONS

- Article in Academic Journal

- 1 Dr.-Eng. Mazen Abu Amro (2016) . Olives Pomace as Renewable Energy Source ,Journal of Multidisciplinary Engineering Science Studies (JMESS) ,Vol. 2 (1) ,6. (ISI Cited Publication)
- 2 Dr.-Eng. Mazen Abu Amro, Ms.-Eng. Ali Imara and Prof. Dr. Samy S. Abu Naser (2016) . MODELLING FOR CROSS IGNITION TIME OF A TURBULENT COLD MIXTURE IN A MULTI BURNER COMBUSTOR,International Journal on Computational Science & Applications (IJCSA),Vol.6(No.1) ,12. (ISI Cited Publication)
- 3 Dr.-Eng. Mazen Abu Amro, Dipl.-Eng. Ali Imara and Prof. Dr. Samy S. Abu Naser (2015) . DESIGN CRITERIA FOR OPTIMIZATION OF THE CROSS IGNITION PROCESS IN GASTURBINE-ENGINES ,International Journal of Soft Computing, Mathematic s and Control (IJSCMC),Vol. 4, No. 4(November 2015) ,12. (ISI Cited Publication)

- Proceedings

- 1 Günther Clauss and Mazen Abu Amro (2007) . HYDRODYNAMIC OPTIMIZATION OF AN OCEAN-GOING OIL RECOVERY SYSTEM IN HARSH SEAS,26th International Conference on Offshore Mechanics and Arctic Engineering,San Diego, USA,June 10-15,8. (ISI Cited Publication)
- 2 Günther Clauss, Mazen Abu-Amro and Sascha Kosleck (2006) . Numerical and Experimental Optimization of a Seaway Independent Oil Skimming System - SOS,16th International Offshore and Polar Engineering Conference & Exhibition,San Francisco, California, USA,May 28-June 2,8. (ISI Cited Publication)
- 3 Günther Clauss,Sascha Kosleck and Mazen Abu-Amro (2006) . COMPUTATIONAL FLUID DYNAMICS FOR THE SIMULATION OF OIL RECOVERY SYSTEMS AT HIGH SEAS,25th International Conference on Offshore Mechanics and Arctic Engineering,Hamburg, Germany,4-9 June,8. (ISI Cited Publication)
- 4 Günther Clauss, Mazen Abu Amro & Sascha Kosleck (2005) . SOS – Integration of a Seaway Independent Oil Skimming System into an Oil Recovery Vessel,12th International Congress of the International Maritime Association of the Mediterranean,Lisbon, Portugal,September 26-30,8. (ISI Cited Publication)
- 5 Günther Clauss, Mazen Abu Amro (2004) . SOS - A NEW DESIGN CONCEPT FOR SEAWAY INDEPENDENT OIL SKIMMING,23rd International Conference on Offshore Mechanics and Arctic Engineering,Vancouver, Canada,June 20-25,8. (ISI Cited Publication)
- 6 Günther Clauss and Mazen Abu Amro (2004) . TWO- AND THREE-PHASE FLOW COMPUTATION FOR THE OPTIMIZATION OF OIL SKIMMING SYSTEMS,3rd International Symposium on Two-Phase Flow Modelling and Experimentation,Pisa,22-24 September,8. (ISI Cited Publication)
- 7 Günther F. Clauss, Rolf Habel, Martin Vannahme and Mazen Abu Amro (2002) . Development of Oil Skimming Vessels for High Seas,10th International Congress of the International Maritime Association of the Mediterranean,Crete , Greece,May 13-17,8. (ISI Cited Publication)

- Technical Report

- 1 Mazen Abu Amro, Florian Sprengel (2008) . An Innovative Offshore Oil Skimming System for Operations in Harsh Seas,Ship Technoiogy Research,8

AWARDS AND RECOGNITIONS

(YEAR , NAME , INSTITUTION, LEVEL)

2007 , For the best PhD thesis in Ocean Engineering for the year 2007 – Germany , Weinblum-Preis
, National

TEACHING

(LEVEL , COURSE)

First Degree

- * Engineering Drawing
- * Computer Aided Engineering (CAE)
- * Modelling and Simulation
- * Thermodynamics and Heat Transfer
- * Mechatronics Design
- * Materials Science and Engineering

SKILLS

(SKILL , PROFICIENCY)

Mechanical Systems Design , Very Good

Energy and Building Technology; Flow and Heat control as well as Air Conditioning System Design , Very Good

Measurement Technology; Flow, Pressure, Temperature, etc , Very Good

Renewable energy: Photovoltaic and Thermal energy , Very Good
