



مازن رياض أبو عمرو

آخر تعديل: 2018/11/27

#### المعلومات الشخصية

|                   |                                   |     |
|-------------------|-----------------------------------|-----|
| تاريخ الميلاد     | مكان الميلاد                      | غزة |
| الجنسية           | فلسطيني                           |     |
| الحالة الاجتماعية | متزوج                             |     |
| الرتبة الأكاديمية | أستاذ مشارك                       | ذكر |
| القسم             | الهندسة                           |     |
| الكلية            | كلية الهندسة وتكنولوجيا المعلومات |     |
| تلفون - المكتب    |                                   |     |
| الفاكس            |                                   |     |
| الجوال            |                                   |     |
| عناوين الإيميل    |                                   |     |
| عنوان -المكتب     | كلية الهندسة وتكنولوجيا المعلومات |     |
| عنوان - البيت     |                                   |     |
| HURL              |                                   |     |

#### المؤهلات العلمية

|  |  |
|--|--|
| السنة , المؤهل , المؤسسة , عنوان الرسالة |  |
| 2007                                     | الدكتوراة, جامعة برلين التقنية<br>(Optimization of a Sea State Independent Oil Skimming System by Numerical and Experimental Analyses) |
| 2002                                     | TU-Berlin / Germany , الماجستير<br>(Mechanical Engineering and Transport Systems)  |

#### السجل الوظيفي

|  |  |
|--|--|
| من تاريخ - الى تاريخ , الوظيفة , المؤسسة |  |
| حتى الآن , 2018                          | عميد كلية الهندسة وتكنولوجيا المعلومات , جامعة الأزهر - غزة                    |
| 2002 , 2008                              | Scientific Assistant , Faculty of Mechanical Engineering and Transport Systems |
| 2008 , 2008                              | Managing Director , Safadi Group, Hamburg and Berlin                           |
| 2009 ,                                   | أستاذ مساعد , جامعة الأزهر - غزة   |

#### المهام الادارية

|                                      |                          |
|--------------------------------------|--------------------------|
| البداية - النهاية , المهمة , المستوى |                          |
| 2013 , 2015                          | رئيس قسم الهندسة , القسم |
| 2010 , 2013                          | مرشد أكاديمي , القسم     |

Mazen Abu Amro, Florian Sprengel (2008) . An Innovative Offshore Oil Skimming System for Operations in Harsh Seas, Ship Technology Research, Hamburg

DESIGN CRITERIA FOR OPTIMIZATION OF THE CROSS IGNITION PROCESS IN GAS-TURBINE-ENGINES, International Journal of Soft Computing, Mathematic s and Control (IJSCMC), Vol. 4, No. 4(November 2015) ,12. ( )

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. ( )

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, 9. ( )

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. ( )

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. ( )

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. ( )

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. ( )

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. ( )

## المشاريع البحثية

من - الى , العنوان , الدور , المصدر , المستوى

|  |            |
|--|------------|
| Development of Oil Skimming Vessels for High Seas ,Student Assistant<br>جامعة ,Faculty of Mechanical Engineering and Transport Systems, TU-Berlin                  | 2001 ,2002 |
| Non-linear Dynamics of Vertically Teth-ered and Towed Body Systems<br>جامعة ,Student Assistant ,Faculty of Mechanical Engineering and Transport Systems, TU-Berlin | 1999 ,2001 |
| Non-Linear Wave Structure Interactions at Artificial Reefs ,Student Assistant<br>جامعة ,Faculty of Mechanical Engineering and Transport Systems, TU-Berlin         | 1998 ,1999 |
| SOS – A New Mechanical Design Concept for Seaway Independent Oil Skimming ,Scientific Assistant ,TU-Berlin, Germany  | 2006 ,2008 |
| Integration of a Seaway Independent Oil Skimming System into an Oil Recovery Vessel ,Scientific Assistant ,TU-Berlin, Germany                                      | 2004 ,2006 |
| Development of a Multi-Propose Tanker with an Integrated Oil Skimming System ,Scientific Assistant ,TU-Berlin, Germany   | 2002 ,2004 |

## جوائز و شهادات تقدير

السنة , الاسم , المؤسسة , المستوى

|   |
|---|
| 2007 ,Weinblum-Preis ,For the best PhD thesis in Ocean Engineering for the year 2007 – Germany<br>وطني, |
|---|

## التدريس

المستوى , اسم المادة

|             |                       |
|-------------|-----------------------|
| البكالوريوس | * ادوات المكاترونكس   |
|             | * الرسم الهندسي       |
|             | * النمذجة والمحاكاة   |
|             | * تصميم المكاترونكس   |
|             | * فيزياء المواد       |
|             | * الديناميكا الحرارية |

## المهارات

المهارة

|  |
|--|
| جيد جدا, Mechanical Systems Design   |
| جيد جدا, Energy and Building Technology; Flow and Heat control as well as Air Conditioning System Design |
| جيد جدا, Measurement Technology; Flow, Pressure, Temperature, etc  |
| جيد جدا, Renewable energy: Photovoltaic and Thermal energy   |