ÖZGEÇMİŞ

1. Adı Soyadı : Mohamed Salem ELMNEFI
2. Doğum Tarihi : 16.02.1964
3. Unvanı : Yrd.Doç.Dr.

4.Öğrenim Durumu :

Derece	Alan	Üniversite	Yıl
Lisans	Makina Mühendisliği	Bright Star Teknoloji Üniversitesi Brega, Libya,	1986
Y. Lisans	Makina Mühendisliği	Strathclyde Üniversitesi Glasgow, İskoçya, Birleşik Krallık	1996
Doktora	Makina Mühendisliği	Duisburg-Essen Üniversitesi, Almanya	2010

5. Akademik Unvanlar

Yardımcı Doçentlik Tarihi : 2010
Doçentlik Tarihi :
Profesörlük Tarihi :

6. Yönetilen Yüksek Lisans ve Doktora Tezleri

6.1. Yüksek Lisans Tezleri

1- Rahell .M.R **"Numerical Analysis OF Thermal Performance for Parabolic Trough Solar Collector using Al_2O_3 Nano-Fluid "** : Turkish Aeronautical Association University – Ankara – Turkey, 2017.

2- Hamza Abo Nama **"Wind Energy Assessment At Elspiaa, Tripoli, Libya –Design And Performance Of Horizontal AxisWind Turbine Using Blade Element Momentum Theory(BEMT) " :**Turkish Aeronautical Association University – Ankara – Turkey, 2017.

3- Waqas Saad Al-khazraji **"Numerical and Experimental Performance of Concentrated Solar Collector with Direct Heat Exchange using None-Circulated Nano-Fluid"**: Turkish Aeronautical Association University – Ankara – Turkey, 2017.

4- Khalid Sabah Shaeer SHAEER **"Study of Cooling System for Building by Absorption System Cycle using Turbine Exhuast Gases" :**Turkish Aeronautical Association University – Ankara – Turkey,2017.

5- Azhar Shamkhi JABBAR **"Numerical Investigation of the Thermal Performance of a Solar Water Heating System with coil tube collectors" :**Turkish Aeronautical Association University – Ankara – Turkey,2017.

6- Mohanad AL-SAMMARRAIE **" Heat Transfer Performance of Double Pipe Heat Exchanger using Al_2O_3/Water and TiO_2/Water Nano-Fluids" :** Turkish Aeronautical Association University – Ankara – Turkey, 2017.

7- Raed ABDULLAH **" Experimental Study of Shell and Tube Heat Exchanger Performance Using Nano-Fluid" :**Turkish Aeronautical Association University – Ankara – Turkey, 2017.

6.2. Doktora Tezleri

7. Yayınlar

7.1. Uluslararası hakemli dergilerde yayınlanan makaleler (SCI,SSCI,Arts and Humanities)

- **Mohamed Salem Elmnefi**, Susanne Staude, Ulf Bergmann and Burak Atakan **"Heat flux measurements in stagnation point Methane/air flames with thermographic phosphors"**, Journal of Experiments in Fluids, 2010. DOI 10.1007/s00348-010-0910-4. 2014.

7.2. Uluslararası diğer hakemli dergilerde yayınlanan makaleler

- B. Atakan, C. Eckert, **M. Salem Elmnefi**, U. Bergmann,.C. Pflitsch **"Thermographische Phosphore zur Messung von Oberflächentemperaturen hinter Flammen Methode, Herstellung und Anwendung"**, VDI-Berichte Nr. 2056, 2009, pp 367372.

- Ahmed Mohamed Bofares, **Mohamed Salem Elmnefi "Design and Performance of Horizontal Axis Wind Turbine Using Blade Element Momentum Theory (BEMT)"** Applied Mechanics and Materials Vol. 492 (2014) pp 106-112. DOI: 10.4028/www.scientific.net/AMM.492.106.

- **Mohamed Salem Elmnefi**, Ahmed Mohamed Bofares **"An Analysis of Wind Speed Distribution at Benina, Benghazi, Libya"** Applied Mechanics and Materials Vol. 492 (2014), pp 550-555. DOI: 10.4028/www.scientific.net/AMM.492.550.

- **M. S. Elmnefi**, Susanne Staude, Ulf Bergmann and Burak Atakan **"Heat flux from stagnation point hydrogen/methane/air flames: experiment and modeling",** Advanced Computational Methods and Experiments in Heat Transfer XIII, WIT Transactions on Engineering Sciences, Vol 83, 2014 WIT Press, DOI: 10.2495/HT14351.

7.3. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

- **M. Salem Elmnefi**, U. Bergmann and B. Atakan: (Lecture) **"Heat Transfer From Flat Premixed Methane Flames to Solid Walls: Experiment and Modeling".** Selected Topics in Combustion The Combustion Institute 20TH "JOURNEES D'ETUDES" of the Belgian Section May 6-8, 2008 Universiteit Gent , Belgium.

- **M. Salem Elmnefi**, U. Bergmann, C. Pflitsch , B. Atakan (Lecture)**"Wärmeübergang von laminaren Flammen auf Wände: Oberflächente-mperaturmessung mit thermographischen Phosphoren und Modellie-rung",** Thermodynamik-Kolloquium" und "Ingenieurdaten" 24.-26. September 2008 Universität Erlangen-Nürnberg , Germany.,

- **M. Salem Elmnefi**, U. Bergmann, B. Atakan (Lecture) **"Heat Transfer From Flat Premixed Methane and Hydrogen Flames to Solid Walls: Experiment and Modeling",** 6th International Seminar on Flame Structure September 14-17, 2008 Vrije Universiteit Brussel, Belgium.

- ATAKAN, Burak; ECKERT, Christopher; PFLITSCH, Christian; **SALEM, Mohamed;** BERGMANN, Ulf: **Doubly doped thermographic phosphor thin films for optical surface temperature measurements in flames: Poster**. Gordon Research Conference on Laser Diagnostics In Combustion 2009; August 16-21, 2009; Waterville Valley Resort; Waterville Valley, NH; USA.

- Atakan, Burak; **SALEM, Mohamed**; PFLITSCH, Christian: **"Thermographische Phosphore zur Messung von Oberflächentemperaturen hinter Flammen; Meßtechnik, Wärmeübergang; Dünnschichtverfahren":** Vortrag. 24. Deutscher Flammentag Verbrennung und Feuerung; 16. Und 17. September 2009; RuhrUniversität Bochum; Deutschland.

- **Mohamed Elmnefi,** Ahmed Bofares, **"Use of solar energy in the oil industry" :** 1st Conference on petroleum and gas sector, University of Benghazi, Benghazi- Libya; 6/11/2012.

- **Mohamed Elmnefi,** Ahmed Bofares**, :"Green Building Technology for Existed and Future Constructions in University of Benghazi" :** 1st international symposium on reviewing and evaluating Benghazi university master plan, University of Benghazi, Benghazi-Libya; 11/2012.

- **Mohamed Salem Elmnefi**, Ahmed Mohamed Bufares(Lecture) **"An Analysis of Wind Speed Distribution at Benina, Benghazi, Libya"**, 2nd International Conference on Power Science and Engineering (ICPSE 2013) December 20-21, 2013, Paris, France.

- Ahmed Mohamed Bufares, **Mohamed Salem Elmnefi** (Lecture) **"Design and Performance of Horizontal Axis Wind Turbine Using Blade Element Momentum Theory (BEMT)"**: 2nd International Conference on Power Science and Engineering (ICPSE 2013) , December 20-21, 2013, Paris, France.

- Hossin Omar, **Mohamed Elmnefi** (Lecture) **"Simulations of Pressurized Fluidized Circulating Bed Based Combined Cycle (PFCB)",** Proceedings of the ASME POWER CONFERENCE 2014, POWER2014-32246, July 28-31, 2014, Baltimore, Maryland, USA.

- Basim Belgasem, **Mohamed Elmnefi** (Lecture) **" Evaluation of a Solar Parabolic Through Power Plant under Climate Conditions in Libya"**. 13th International Conference on Sustainable Energy Technologies (SET 2014) 25 – 28 August 2014, HESSO - Geneva – Switzerland.

- **Mohamed Elmnefi**, Susanne Staude, Ulf Bergmann and Burak Atakan **"Heat flux from stagnation point hydrogen/methane/air flames: experiment and modeling"**, 13th International Conference on Simulation and Experiments in Heat Transfer and its Applications, Heat Transfer 2014, 2 – 4 July 2014 , A Coruna, Spain.

- **Mohamed S. Elmnefi** & Ahmed M. Bofares :**"The Techniques Used for Performance Prediction of Vertical Axis Wind Turbines (VAWTs) " :** 7th International Exergy, Energy and Environment Symposium, April 27-30, 2015, University of Valenciennes et du Hainaut-Cambrésis - ENSIAME - Valenciennes – FRANCE.

- Amar HAMEED, Waqas ALKHAZRAJI, **Mohamed ELMNEFI : " CONCENTRATED SOLAR COLLECTOR WITH DIRECT HEAT EXCHANGE USING TRIPLE COPPER TUBES":** ULIBTK'17 21. Ulusal Isı Bilimi ve Tekniği Kongresi 13-16 Eylül 2017, ÇORUM,Turkey.

7.4. Yazılan uluslararası kitaplar veya kitaplarda bölümler

- **Mohamed Elmnefi, Ahmed Bofares "The Techniques Used for Performance Prediction of Vertical-Axis Wind Turbines (VAWTs)":** Green Energy,Technology, Exergy for A Better Environment and Improved Sustainability, Volume 1, ISBN:978-3-319-62571, 2018.

7.5. Ulusal hakemli dergilerde yayınlanan makaleler
7.6. Ulusal bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler
7.7. Diğer yayınlar

10. Bilimsel ve Mesleki Kuruluşlara Üyelikler

11. Ödüller

12. Son iki yılda verdiğiniz lisans ve lisansüstü düzeydeki dersler için aşağıdaki tabloyu doldurunuz.

Akademik Yıl	Dönem	Dersin Adı	Haftalık Saati		Öğrenci Sayısı
			Teorik	Uygulama	
2015-2016	Güz	Taşınım İle Isı Aktarımı (MEC 536)	3	-	64
		İleri Isı ve Kütle Transferi (MEC 538)	3	-	29
	İlkbahar	Rüzgar Enerjisi Sistemleri (AEE 519)	3	-	45
		Motorlarda Yanma I (533)	3	-	55
		İleri Isı ve Kütle Transferi (MEC 538)	3	-	40
	Yaz	Rüzgar Enerjisi Sistemleri (AEE 519)	3	-	8
		Termodinamik (MEC 225)	4	-	19
		Isı Transferi (MEC 321)	3	-	18
2016-2017	Güz	Aerodinamik I (AEE 341)	3	-	82
		Termodinamik (MEC 225)	4	-	178
		Taşınım İle Isı Aktarımı (MEC 536)	3	-	27
	İlkbahar	Akışkanlar Mekaniği (AEE 241)	3	-	129
		Rüzgar Enerjisi (AEE 432)	3	-	39
		Motorlarda Yanma I (533)	3	-	4
		Güneş Enerjisi Sistemleri (540)	3	-	11
	Yaz	Isı Transferi (MEC 321)	3	-	37