

Basic Information :

Name : Amr Mohamed Metwally Ismaiel

Title : Assistant Professor



*Name: Amr Muhammad Metwally Ismaiel

*Current Occupation:
-Assistant Professor in the Faculty of Engineering; FUE

Education :

Certificate	Major	University	Year
PhD	Mechanical Engineering	Kyushu University - Japan	2019
Masters	Mechanical Design Engineering	Cairo University- Faculty of Engineering	2016
Bachelor	Aeronautical and Aerospace Engineering	Cairo - Egypt	2012

Research :

- Aeroelastic Analysis for Side-Booms of a Coplanar Twin-Rotor Wind Turbine
- Aeroelastic Analysis of a Coplanar Twin-Rotor Wind Turbine
- Aeroelastic Analysis of a Coplanar Twin-Rotor Wind Turbine
- System identification, fuzzy control and simulation of a kite power system with fixed tether length
- Study of turbulence intensity effect on the fatigue lifetime of wind turbines
- Fatigue Analysis of an Optimized HAWT Composite Blade

Conference :

- WIND TURBULENCE EFFECT INVESTIGATION ON FATIGUE OF HORIZONTAL AXIS WIND TURBINE (HAWT)
- FLUID-STRUCTURE INTERACTION COMPUTATIONS FOR WIND TURBINE BLADE
- Study of turbulence intensity effect on the fatigue lifetime of wind turbines - Conference Version
- VERIFICATION OF EQUIVALENT ISOTROPIC MODEL FOR A COMPOSITE HAWT BLADE
- Fatigue Analysis of an Optimized HAWT Composite Blade

Awards :

Award	Donor	Date
Best Poster Presentation at CSS-EEST 20	Busan; South Korea	01/01/2018
Best Oral Presentation at IEICES 3	Fukuoka; Japan	01/01/2017
Best Oral Presentation at CSS-EEST18	Shanghai; China	01/01/2016

Best Graduation Project in the syndicate of Engineering	Syndicate of Engineering; Egypt	01/01/2012
Best Mechanical Engineering Project in EED	IEEE; Egypt	01/01/2012