Assoc. Prof. Dr. Melin ŞAHİN
Dept. of Aerospace Engineering

Expertise areas:

- Finite element modelling and analysis of wind turbine blade
- Modal Testing of wind turbine blade
- Structural health monitoring of wind turbine blade

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Recent Projects:

Recent Publications:

- Amer C., Şahin M., "Structural Analysis of a Composite Wind Turbine Blade", ICAMAME 2014: XII International Conference on Aerospace, Mechanical, Automotive and Materials Engineering, 30-31 Temmuz 2014, İstanbul, Türkiye.

Thesis:

- Akın, O. "Active Vibration Suppression of A Smart Beam Using A Linear Controller with A Neural Network Based Adaptive Element via Piezoelectric Sensor and Actuators", Master Thesis, METU, Aerospace Eng., September 2015
- Aksoy, Y. T. "Active vibration control of a smart sandwich plate via piezoelectric sensors and actuators", Master Thesis, METU, Aerospace Eng., September 2015
- Amer, C. "Development of a high fidelity finite element model of a wind turbine blade via modal testing", Master Thesis, METU, Aerospace Eng., April 2015