TÜBİTAK 2244 – Industrial PhD Programme

**Sabancı University - Roketsan**

Throughout the program, the student will be guided by both an Academic Advisor from Sabancı University and an Industry Advisor from Roketsan.

**Academic Advisor:** Mehmet Yıldız, Bekir Dizman, Murat Büyük, Eralp Demir, Lütfi Taner Tunç, Serkan Ünal

**Sabancı University PhD Programs:**

- Materials Science and Nano Engineering
- Manufacturing Engineering

**Special application requirements for SU-Roketsan project:**

- Being a Republic of Turkey citizen

PhD Candidate shall have research interests and/or possess a reasonable understanding in one or more of the following fields:

- Development of manufacturing methods of prepregs for Nano material reinforced, high performance composite parts
- Structural design and manufacturing of composite materials in automated fiber placement (AFP) method
- Identification of damage formation in composite structures used in aerospace applications with hybrid approaches
- Development of nondestructive testing methods and structural health monitoring technologies for aerospace composite parts under high pressure

Please [click](#) for application.