

Advisor	Subjects	Date/Hours 01.06.2024	Jury Members
Diaa Gadelmavla	Development of life jacket - integrated antenna for global search and rescue using satellite systems	10.00-10.30	İzzet Murat Akşit, Osman Nuri Şahin, Diaa Gadelmavla
Osman Nuri Şahin	Design and Development of Ducted Fan UAV for Agricultural Purpose	10.30-11.00	
Diaa Gadelmavla	Development of a self-charging (energy harvesting) drone	11.00-11.30	
Osman Nuri Şahin	Morphing Wing Design for a Small Tactical UAV (Coadvisor: Şeniz Ertuğrul)	11.30-12.00	
İzzet Murat Akşit	CFD Analysis of a Contra Rotating Propeller (Horizontal Propeller Axis) Coadvisor:Osman Nuri Şahin	12.00-12.30	İzzet Murat Akşit, Osman Nuri Şahin, Abbasali Saboktakin
	CFD Analysis of Two Propellers (Two Vertical Propeller Axis)	12.30-13.00	İzzet Murat Akşit, Cem Tahsin Yücer, Abbasali Saboktakin
Abbasali Saboktakin	HYPERVELOCITY IMPACT OF LIGHTWEIGHT COMPOSITE	13.00-13.30	Abbasali Saboktakin, Fabrizio Pinto, Cem Tahsin Yücer
Fabrizio Pinto	Autonomous optical and inertial navigation of a realistic solar-sail propelled CubeSat class spacecraft targeting orbits around Mars and its moons. (Group-2/1)	13.30-14.00	
	Proof-of-concept of a realistic solar-sail propelled CubeSat class spacecraft digital twin targeting orbits around Mars and its moons. (Group-2/2)	14.00-14.30	
	Trajectory design and flight dynamics of a realistic solar-sail propelled CubeSat class spacecraft targeting orbits around Mars and its moons. (Group-3)	14.30-15.00	
<i>*Presentations will be on Tesla ML 205.</i>			