

AI in Space: Cybersecurity and Law for AI-Based LEO Satellites" 2026 Summer Research Programme for High School Students



Project Team:

Belinay Kuru

Cengiz Onat Yapanel

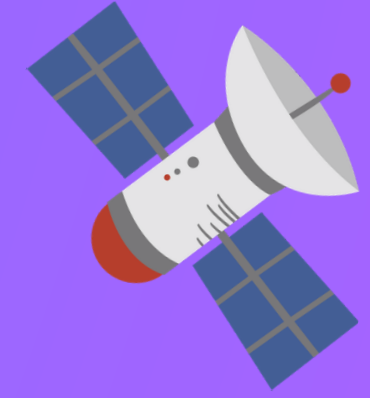
Defne Nur Yılmaz

Defne Su Birlik

Ece Bahar

Gökçe Kaan Aslan

Medine Yaren Güneysu



Mentor:

Assistant Professor Başak Ozan Özparlak

Özyeğin University Faculty of Law

Head of IT Law Department



DAY 1



Welcoming and campus tour.

Meeting with Prof. Dr. Özlem Yenerer Çakmut, Dean of Faculty of Law, Ozyegin University.
Presentation by Başak on the Introduction to New Space and IT Law.
Meeting with Phd student and research assistant Selim Sarfati , undergraduate law student Kardelen Özügüç , Phd Law student Beyza Fadiloğlu Evans (all from Ozyegin University) and Benjamin Evans, PhD Law.

DAY 2



- Instructor Deniz Kılavuz from Özyeğin University, presented her and her team's OzuVerse Project
- First team work on the assignment "Viasat Hack" for the final report.
- Meeting with MCSA ENSURE-6G Project Seconded Professor Paola Gabriela Vinueza Naranjo (Professor of Computer Science from UDLA University) from Ecuador.
- Presentation by the founders of SHIM (SHIM | Secure AI Gateway & Cost Optimization Platform), Mertcan Sağlam, Can Sevgican.
- Also Azra Helin Yıldız (Ozyegin law graduate) spoke about legal engineering.

DAY 6



- Meeting with Research Assistant Ekin Aytekin from Faculty of Law.
- A visit to OZUBEX Industry 4.0 Competence Center (OzUBEX) (Directed by Assistant Professor Erinç Albey) with the guidance of Yashar Mohammadi Sardroudi, R&D Consultant thanks to Melek Çetinel, undergrad student of CS/IR for the facilitating.
- Meeting with Serpil Yurduseven and Lawyer Meltem Erden from Ozyegin University Information Security Center.

DAY 7



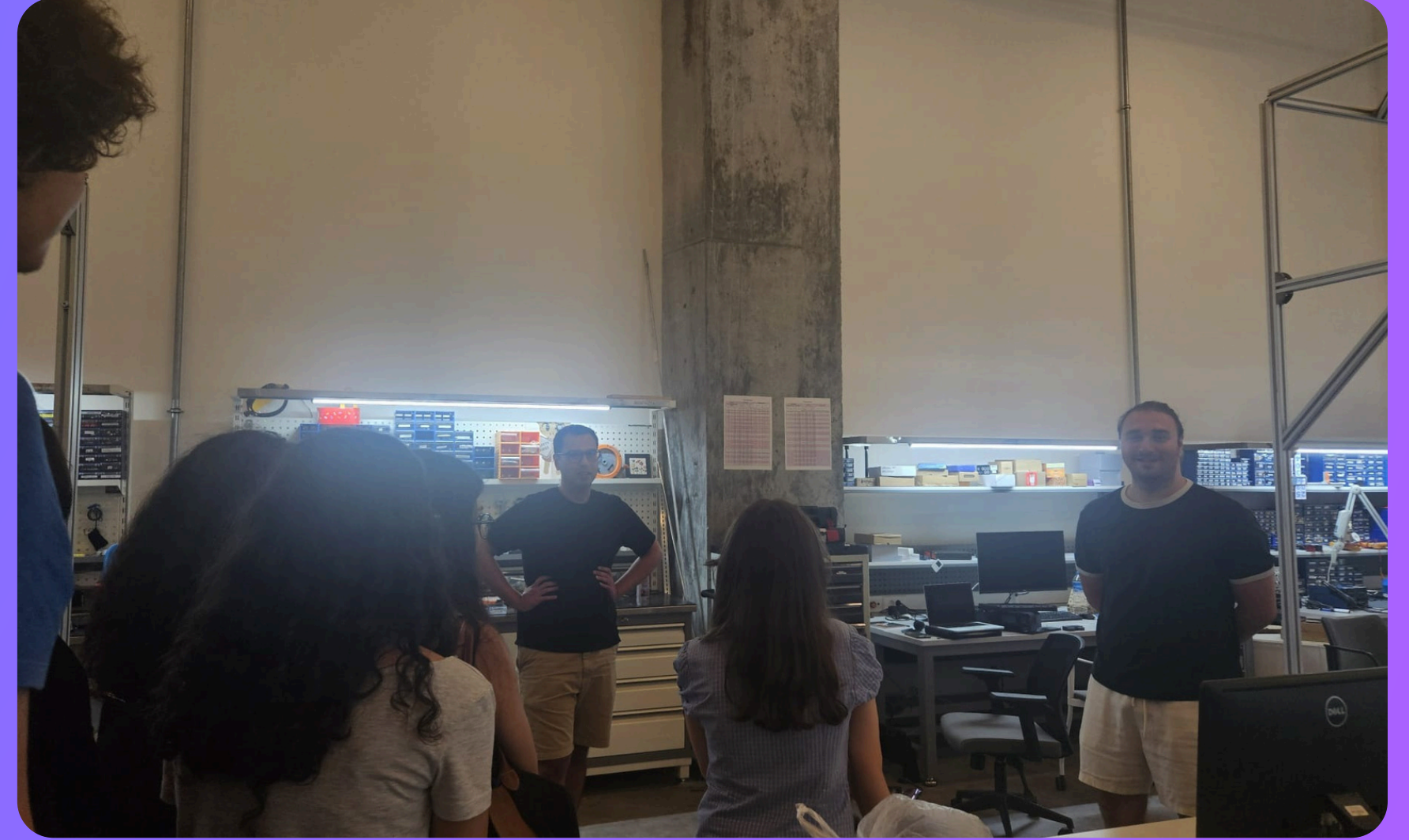
- A visit to AILabs with the Lab Director and Head of AI and Data Science Faculty, Associated Professor Reyhan Aydoğan
- Meeting with Assistant Professor Elif Altınok Çalışkan from Özyeğin University and her talk on data protection law and administrative law.
- Presentation of Başak on the legal aspects of next-generation wireless networks, 6G and satellite communication.

DAY 8



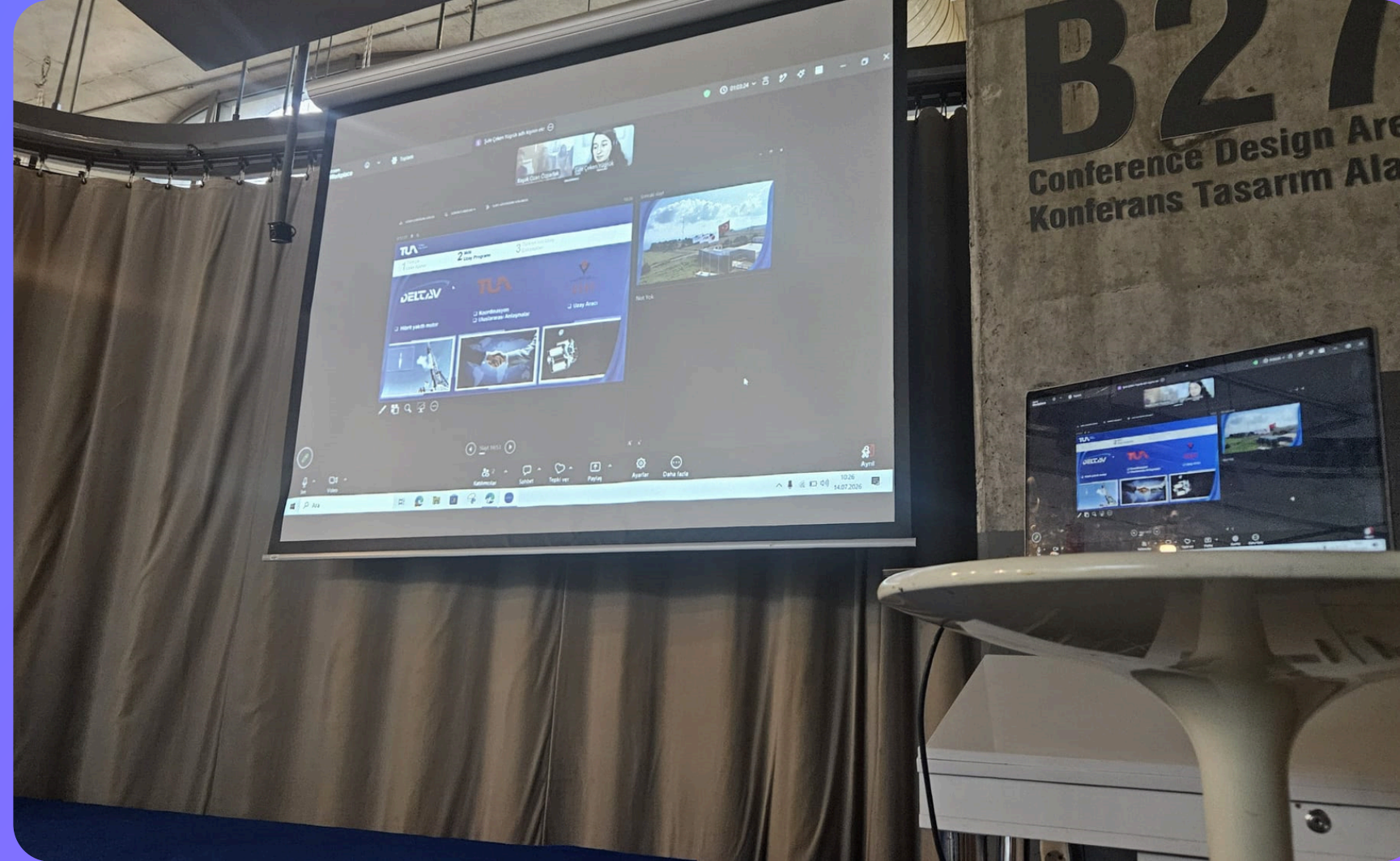
- Meeting with Özyeğin University Technology Transfer Office (TTO) Director İsmail Arı
- Visiting OKATEM Lab with Assistant Professor Çağatay Edemen and the team.

DAY 13



Thanks to the guidance of Kemal Barlas from Rotor Technology, we visited Rotor Technology Office and the Team; Qubitrium Quantum Solutions for the Future (Founded by Assistant Professor Kadir Durak), Biomachatronic Lab (Founded by Associated Professor Barkan Uğurlu) , Advanced Construction Technology Lab (Founded by Zeynep Başaran Bundur) and Robotics Lab.(Founded by Prof. Erhan Öztop and Associated Professor Özkan Bebek).

DAY 14



- A special online presentation by Astronomer Şule Çeken Yügrük from the Turkish Space Agency (TUA).
- A special visit to Ozyegin University's IT Center and Information Security Department Offices with the guidance of Meltem Erden, Serpil Yurduseven and Selçuk Engin.



Special thanks to:

Özyeğin University for the Summer Research Programme
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All the directors, professors, PhD students and teams of the
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All the administrative personel who voluntarily contributed.
All undergraduate, graduate and PhD student who voluntarily
contributed.
Turkish Space Agency for the special online presentation.

