

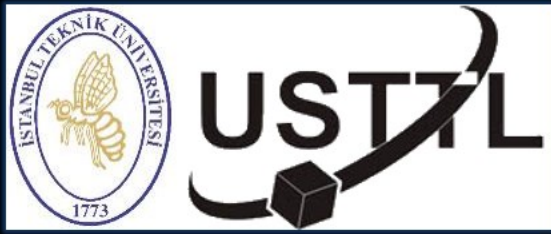
# Recent Student Involvement In Space Activities

Presenter: Barış Beynek

Istanbul Technical University  
Space Systems Design and Test Laboratory  
İstanbul, Türkiye

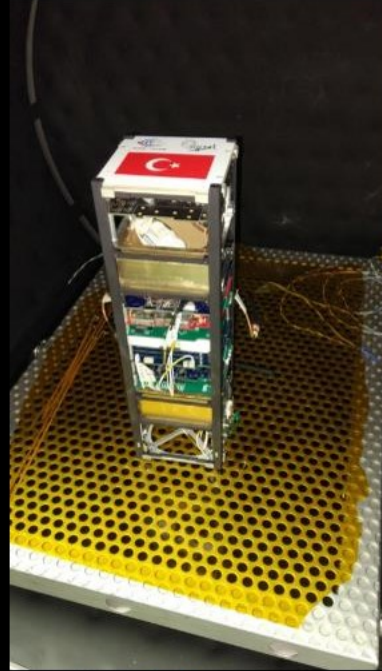
# Some Activities

- CubeSat Projects
- Student CubeSat Projects
- Model Satellite Trainings
- Internship programs, software trainings, etc.
- Teknofest

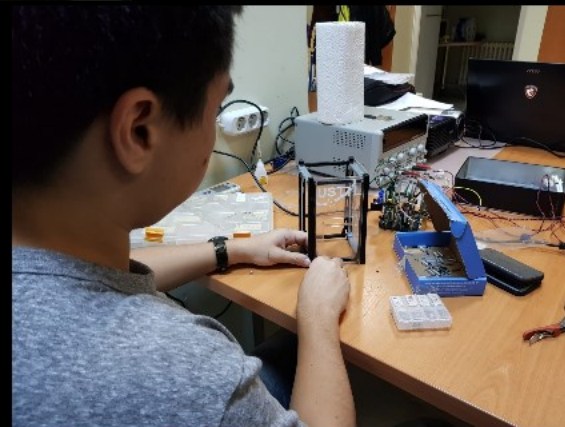


# İTÜ-SSDTL

## Space Systems Design and Test Lab

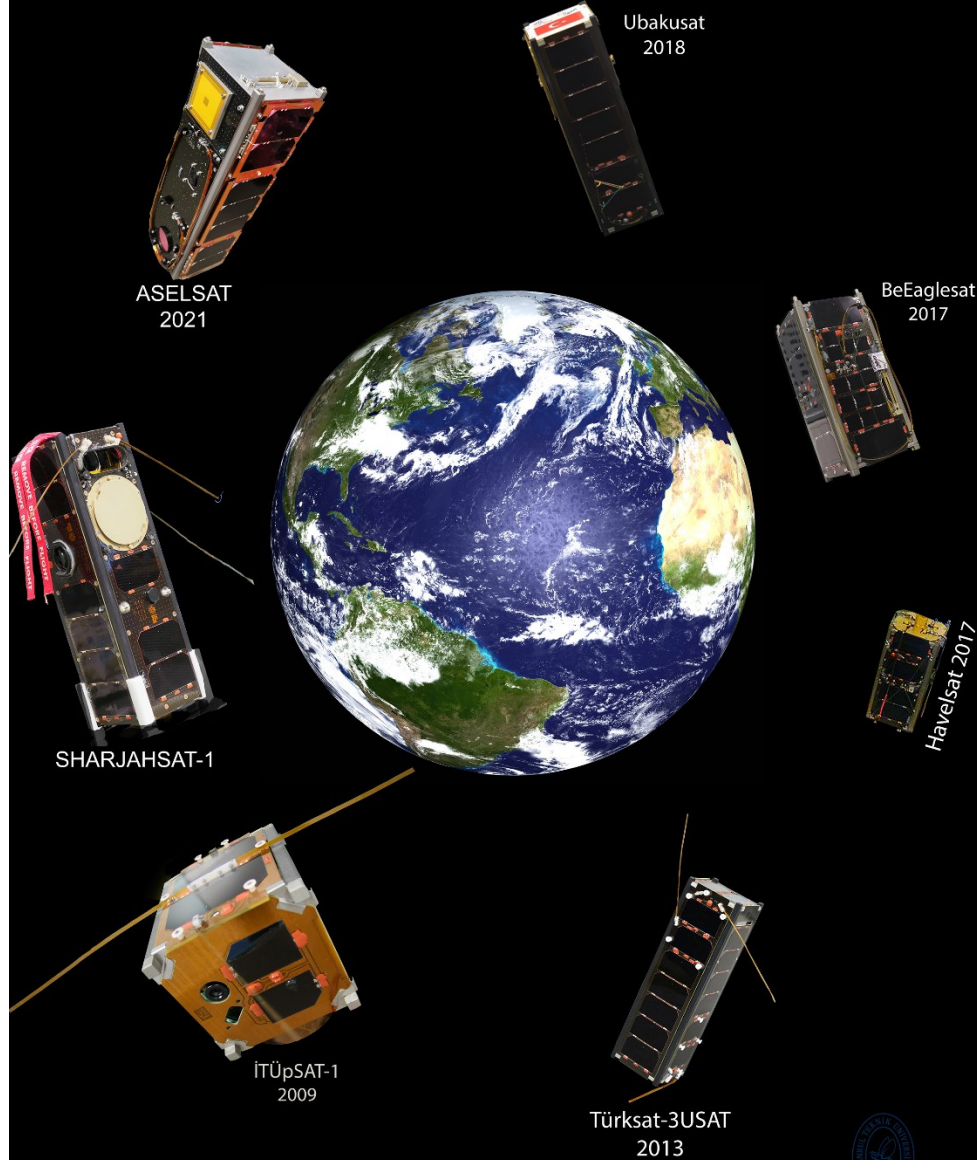


INTEGRATION &  
TEST at İTÜ

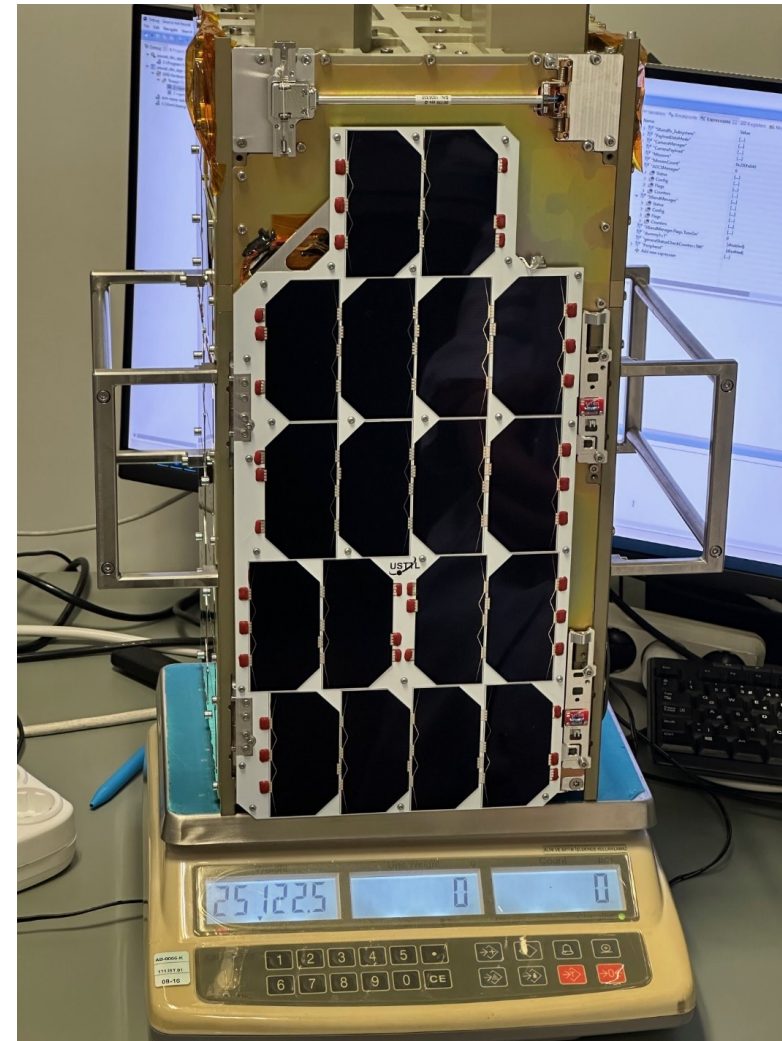
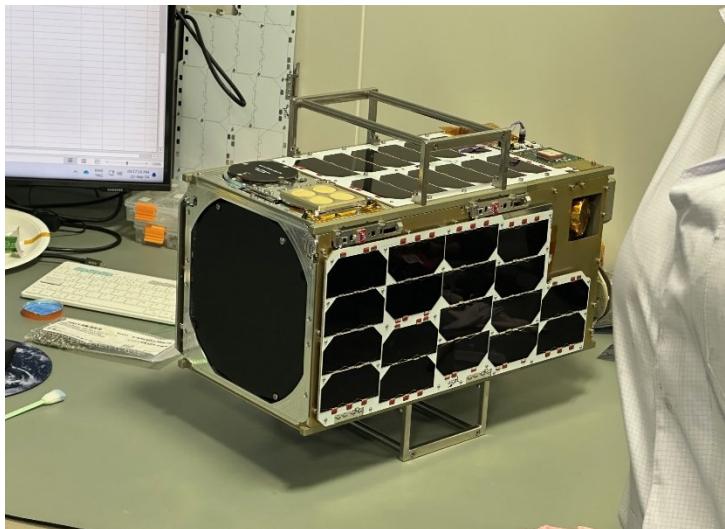


# ITU – Space Systems Design and Test Laboratory



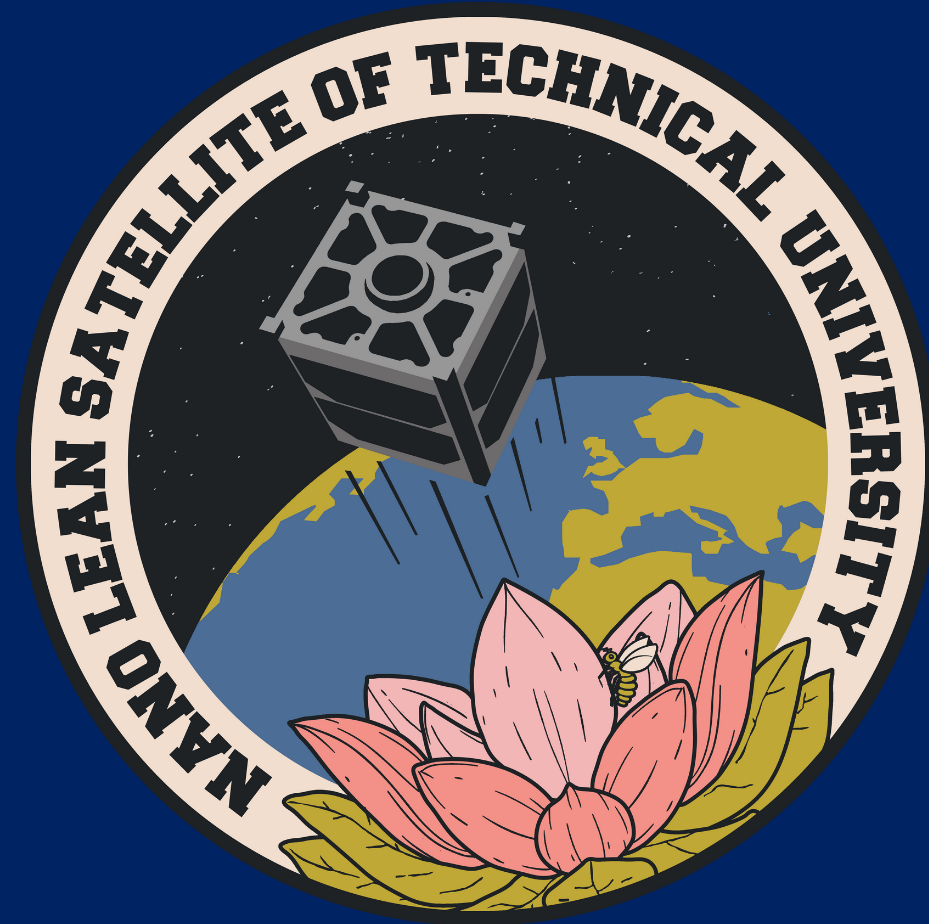


# PAUSAT-1



# n-LOTUSat

A 1U CUBESAT PROJECT





# ICESCO'S 3<sup>rd</sup> INTERNATIONAL MODEL SATELLITE (CanSat) WORKSHOP & AEROSPACE SYMPOSIUM

“**Building Tomorrow's  
Global Workforce**”

31<sup>st</sup> July 2023 - 5<sup>th</sup> August 2023

Istanbul & Aksaray, Turkey





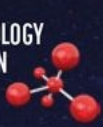






BIOTECHNOLOGY INNOVATION COMPETITION

FLYING CAR SIMULATION COMPETITION



MODEL SATELLITE COMPETITION



ENVIRONMENT AND ENERGY TECHNOLOGIES COMPETITION



EDUCATIONAL TECHNOLOGIES COMPETITION



TURKISH NATURAL LANGUAGE PROCESSING COMPETITION



ROCKET COMPETITION



TOURISM TECHNOLOGIES COMPETITION



UNMANNED AERIAL VEHICLE COMPETITION



PARDUS DEBUGGING AND SUGGESTION COMPETITION



CHIP DESIGN COMPETITION

HIGH SCHOOL STUDENTS CLIMATE CHANGE RESEARCH PROJECTS COMPETITION



VERTICAL LANDING ROCKET COMPETITION



SMART TRANSPORTATION COMPETITION



AGRICULTURAL UNMANNED LAND VEHICLE COMPETITION



ROBOTICS COMPETITIONS



TUBA-TEKNOFEST DOCTORATE SCIENCE AWARDS



EFFICIENCY CHALLENGE ELECTRIC VEHICLE COMPETITION



AIR DEFENSE SYSTEMS COMPETITION



WIRELESS COMMUNICATION COMPETITION



FINANCIAL TECHNOLOGIES COMPETITION



UNMANNED SURFACE VEHICLE COMPETITION



SMART WIFI COVERAGE COMPETITION



UNMANNED UNDERWATER SYSTEMS COMPETITION



HYPERLOOP DEVELOPMENT COMPETITION



AGRICULTURAL TECHNOLOGIES COMPETITION



DIGITAL TECHNOLOGIES IN INDUSTRY COMPETITION



ROBOTAXI-FULL SCALE AUTONOMOUS VEHICLE COMPETITION



UNIVERSITY STUDENTS RESEARCH PROJECTS COMPETITIONS



SWARM UAV COMPETITION



HIGH SCHOOL STUDENTS POLAR RESEARCH PROJECTS COMPETITION



HELICOPTER DESIGN COMPETITION



HACK MASTERS



TECHNOLOGICAL APPLICATIONS IN PSYCHOLOGY COMPETITION



TRAVEL HACKATHON



ARTIFICIAL INTELLIGENCE IN HEALTHCARE COMPETITION



BARRIER-FREE LIVING TECHNOLOGIES COMPETITION



UNIVERSITY STUDENTS RESEARCH PROJECTS COMPETITIONS



HELICOPTER DESIGN COMPETITION



HIGH SCHOOL STUDENTS POLAR RESEARCH PROJECTS COMPETITION



TECHNOLOGICAL APPLICATIONS IN PSYCHOLOGY COMPETITION



TRAVEL HACKATHON



ARTIFICIAL INTELLIGENCE IN HEALTHCARE COMPETITION



BARRIER-FREE LIVING TECHNOLOGIES COMPETITION



UNIVERSITY STUDENTS RESEARCH PROJECTS COMPETITIONS



HELICOPTER DESIGN COMPETITION



HIGH SCHOOL STUDENTS POLAR RESEARCH PROJECTS COMPETITION



TECHNOLOGICAL APPLICATIONS IN PSYCHOLOGY COMPETITION



TRAVEL HACKATHON



ARTIFICIAL INTELLIGENCE IN HEALTHCARE COMPETITION



BARRIER-FREE LIVING TECHNOLOGIES COMPETITION



UNIVERSITY STUDENTS RESEARCH PROJECTS COMPETITIONS



HELICOPTER DESIGN COMPETITION



HIGH SCHOOL STUDENTS POLAR RESEARCH PROJECTS COMPETITION



TECHNOLOGICAL APPLICATIONS IN PSYCHOLOGY COMPETITION



TRAVEL HACKATHON



ARTIFICIAL INTELLIGENCE IN HEALTHCARE COMPETITION



BARRIER-FREE LIVING TECHNOLOGIES COMPETITION



UNIVERSITY STUDENTS RESEARCH PROJECTS COMPETITIONS



HELICOPTER DESIGN COMPETITION



HIGH SCHOOL STUDENTS POLAR RESEARCH PROJECTS COMPETITION



TECHNOLOGICAL APPLICATIONS IN PSYCHOLOGY COMPETITION



TRAVEL HACKATHON



ARTIFICIAL INTELLIGENCE IN HEALTHCARE COMPETITION



BARRIER-FREE LIVING TECHNOLOGIES COMPETITION



UNIVERSITY STUDENTS RESEARCH PROJECTS COMPETITIONS



HELICOPTER DESIGN COMPETITION



HIGH SCHOOL STUDENTS POLAR RESEARCH PROJECTS COMPETITION



TECHNOLOGICAL APPLICATIONS IN PSYCHOLOGY COMPETITION



TRAVEL HACKATHON



ARTIFICIAL INTELLIGENCE IN HEALTHCARE COMPETITION



BARRIER-FREE LIVING TECHNOLOGIES COMPETITION



UNIVERSITY STUDENTS RESEARCH PROJECTS COMPETITIONS



HELICOPTER DESIGN COMPETITION



HIGH SCHOOL STUDENTS POLAR RESEARCH PROJECTS COMPETITION



TECHNOLOGICAL APPLICATIONS IN PSYCHOLOGY COMPETITION



TRAVEL HACKATHON



ARTIFICIAL INTELLIGENCE IN HEALTHCARE COMPETITION



BARRIER-FREE LIVING TECHNOLOGIES COMPETITION



UNIVERSITY STUDENTS RESEARCH PROJECTS COMPETITIONS



HELICOPTER DESIGN COMPETITION



HIGH SCHOOL STUDENTS POLAR RESEARCH PROJECTS COMPETITION



TECHNOLOGICAL APPLICATIONS IN PSYCHOLOGY COMPETITION



TRAVEL HACKATHON



ARTIFICIAL INTELLIGENCE IN HEALTHCARE COMPETITION



BARRIER-FREE LIVING TECHNOLOGIES COMPETITION



UNIVERSITY STUDENTS RESEARCH PROJECTS COMPETITIONS



HELICOPTER DESIGN COMPETITION



HIGH SCHOOL STUDENTS POLAR RESEARCH PROJECTS COMPETITION



TECHNOLOGICAL APPLICATIONS IN PSYCHOLOGY COMPETITION



TRAVEL HACKATHON



ARTIFICIAL INTELLIGENCE IN HEALTHCARE COMPETITION



BARRIER-FREE LIVING TECHNOLOGIES COMPETITION



UNIVERSITY STUDENTS RESEARCH PROJECTS COMPETITIONS



HELICOPTER DESIGN COMPETITION



HIGH SCHOOL STUDENTS POLAR RESEARCH PROJECTS COMPETITION



TECHNOLOGICAL APPLICATIONS IN PSYCHOLOGY COMPETITION



TRAVEL HACKATHON



ARTIFICIAL INTELLIGENCE IN HEALTHCARE COMPETITION



BARRIER-FREE LIVING TECHNOLOGIES COMPETITION



UNIVERSITY STUDENTS RESEARCH PROJECTS COMPETITIONS



HELICOPTER DESIGN COMPETITION



HIGH SCHOOL STUDENTS POLAR RESEARCH PROJECTS COMPETITION



TECHNOLOGICAL APPLICATIONS IN PSYCHOLOGY COMPETITION



TRAVEL HACKATHON



ARTIFICIAL INTELLIGENCE IN HEALTHCARE COMPETITION



BARRIER-FREE LIVING TECHNOLOGIES COMPETITION



UNIVERSITY STUDENTS RESEARCH PROJECTS COMPETITIONS



HELICOPTER DESIGN COMPETITION



HIGH SCHOOL STUDENTS POLAR RESEARCH PROJECTS COMPETITION



TECHNOLOGICAL APPLICATIONS IN PSYCHOLOGY COMPETITION



TRAVEL HACKATHON



ARTIFICIAL INTELLIGENCE IN HEALTHCARE COMPETITION



BARRIER-FREE LIVING TECHNOLOGIES COMPETITION



UNIVERSITY STUDENTS RESEARCH PROJECTS COMPETITIONS



HELICOPTER DESIGN COMPETITION



HIGH SCHOOL STUDENTS POLAR RESEARCH PROJECTS COMPETITION



TECHNOLOGICAL APPLICATIONS IN PSYCHOLOGY COMPETITION



TRAVEL HACKATHON



ARTIFICIAL INTELLIGENCE IN HEALTHCARE COMPETITION



BARRIER-FREE LIVING TECHNOLOGIES COMPETITION



UNIVERSITY STUDENTS RESEARCH PROJECTS COMPETITIONS



HELICOPTER DESIGN COMPETITION



HIGH SCHOOL STUDENTS POLAR RESEARCH PROJECTS COMPETITION



TECHNOLOGICAL APPLICATIONS IN PSYCHOLOGY COMPETITION



TRAVEL HACKATHON



ARTIFICIAL INTELLIGENCE IN HEALTHCARE COMPETITION



BARRIER-FREE LIVING TECHNOLOGIES COMPETITION



UNIVERSITY STUDENTS RESEARCH PROJECTS COMPETITIONS



HELICOPTER DESIGN COMPETITION



HIGH SCHOOL STUDENTS POLAR RESEARCH PROJECTS COMPETITION



TECHNOLOGICAL APPLICATIONS IN PSYCHOLOGY COMPETITION



TRAVEL HACKATHON



ARTIFICIAL INTELLIGENCE IN HEALTHCARE COMPETITION



BARRIER-FREE LIVING TECHNOLOGIES COMPETITION



UNIVERSITY STUDENTS RESEARCH PROJECTS COMPETITIONS



HELICOPTER DESIGN COMPETITION



HIGH SCHOOL STUDENTS POLAR RESEARCH PROJECTS COMPETITION



TECHNOLOGICAL APPLICATIONS IN PSYCHOLOGY COMPETITION



TRAVEL HACKATHON



ARTIFICIAL INTELLIGENCE IN HEALTHCARE COMPETITION



BARRIER-FREE LIVING TECHNOLOGIES COMPETITION



UNIVERSITY STUDENTS RESEARCH PROJECTS COMPETITIONS



HELICOPTER DESIGN COMPETITION



HIGH SCHOOL STUDENTS POLAR RESEARCH PROJECTS COMPETITION



TECHNOLOGICAL APPLICATIONS IN PSYCHOLOGY COMPETITION



TRAVEL HACKATHON



ARTIFICIAL INTELLIGENCE IN HEALTHCARE COMPETITION



BARRIER-FREE LIVING TECHNOLOGIES COMPETITION



UNIVERSITY STUDENTS RESEARCH PROJECTS COMPETITIONS



HELICOPTER DESIGN COMPETITION



HIGH SCHOOL STUDENTS POLAR RESEARCH PROJECTS COMPETITION



TECHNOLOGICAL APPLICATIONS IN PSYCHOLOGY COMPETITION



TRAVEL HACKATHON

Thank You For Listening