T.C.
İSTANBUL AYDIN UNIVERSITY

DEFENSE INDUSTRY TECHNOLOGIES APPLICATION and RESEARCH CENTER

TAG:

T.C. İSTANBUL AYDIN UNIVERSITY

Doç. Dr. Mustafa AYDIN
İstanbul Aydın University Chairman of the Board of Trustees

Prof. Dr. Yadigar İZMİRLİ
İstanbul Aydın University Rector

Prof. Dr. Zafer ASLAN
İstanbul Aydın University Vice Rector
İstanbul Aydın University Research Centers Coordinator

Asst. Prof. Dilşad AKGÜMÜŞ GÖK
İAÜ SSTUAM Director

Inst. Serkan GÖK
İAÜ SSTUAM Deputy Director

January 2022
No 5

E-NEWSLETTER

Florya Campus (Halit Aydın Campus)
Beşyol Mah.Inönü Cad.No: 38
Sefaköy–Küçükçekmece / İSTANBUL
www.aydin.edu.tr I 444 1 428

Newsletter Design by
Inst. Serkan GÖK
Edited by
Res. Asst. Mehmet Tahir PALA
Res. Asst. Cihan SEZER

E - NEWSLETTER

T.C. İSTANBUL AYDIN UNIVERSITY
DEFENSE INDUSTRY TECHNOLOGIES APPLICATION
and RESEARCH CENTER

No 5 / January / 2022

DEFENSE INDUSTRY TECHNOLOGIES APPLICATION and RESEARCH CENTER

The purpose of the Defense Industry Technologies Application and Research Center (SSTUAM), established within the body of Istanbul Aydın University, is to conduct research on defense technologies, to perform analysis, to carry out modeling, design, simulation and manufacturing studies, to monitor and evaluate defense technologies, to make technology predictions regarding defense technologies, to contribute for the development of defense technologies and industry by developing basic and technological infrastructure technologies, making engineering applications for needed systems and subsystems. At the same time, we aim to contribute to the infrastructure of our students who will graduate in the project-oriented studies carried out within our center.

Message of Director

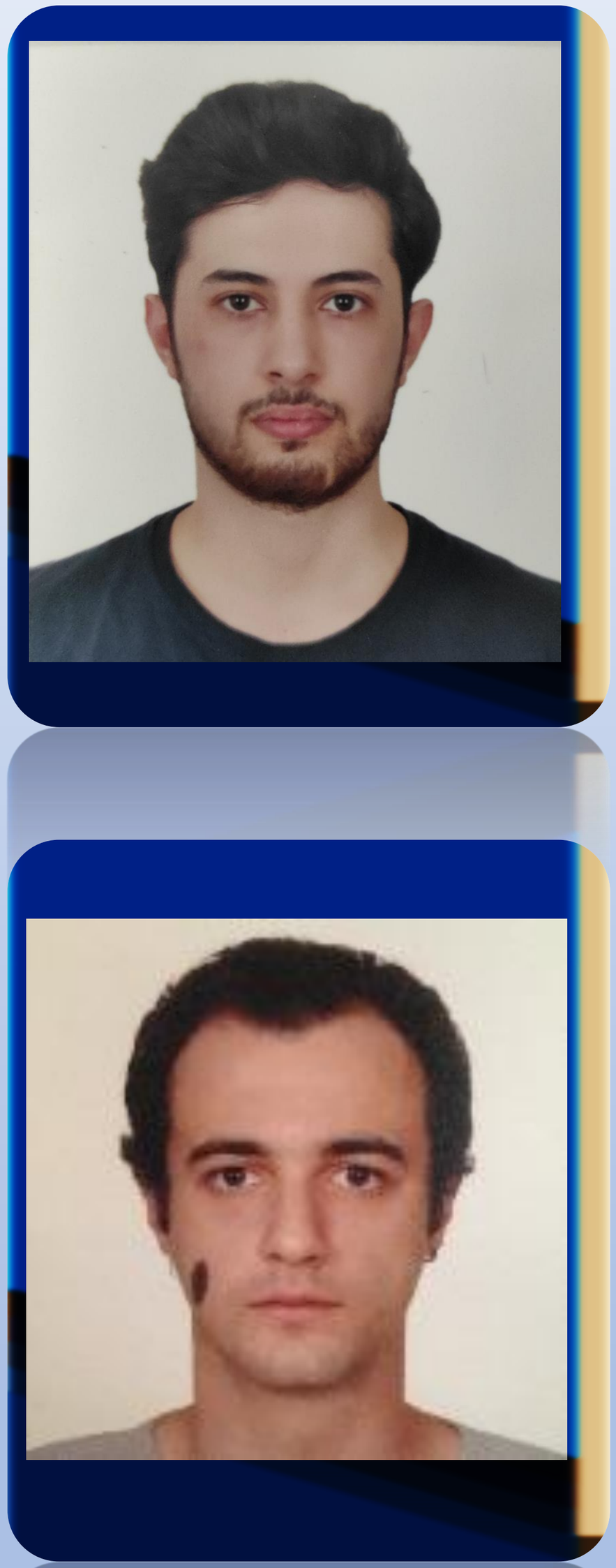
The importance of the defense industry is increasing day by day in Turkey as well as in the rest of the world. Defense industry; It is an industrial sector that is not separated from the general industry, can produce and maintain the vehicles, equipment and weapons, ammunition required in the field of national defense and has a connection with manufacturing technologies. The defense industry is not only a commercial factor; at the same time, it is an industrial organization that considers and evaluates many issues such as reliability, strategic, confidentiality, low dependency and technological competence. The defense industry is an important field where the most advanced technology systems are used and constantly needs new technologies. It is a fact that the technologies developed in this field are used for civilian purposes later on, thus contributing to the socio-economic development of countries. Therefore, while the defense expenditures, which are inevitable for Turkey, continue, our aim is; Our aim is to make our country a product and technology producer in the field of defense industry in order to increase our country's national technology capability and to achieve economic and social gains.

Asst. Prof. Dilşad AKGÜMÜŞ GÖK
SSTUAM Director

E - NEWSLETTER

T.C. İSTANBUL AYDIN UNIVERSITY
DEFENSE INDUSTRY TECHNOLOGIES APPLICATION
and RESEARCH CENTER

No 5 / January / 2022



Res. Asst. Mehmet Tahir PALA was appointed as the Research Assistant of Defense Industry Technologies Application and Research Center at Istanbul Aydin University on 15.12.2021.

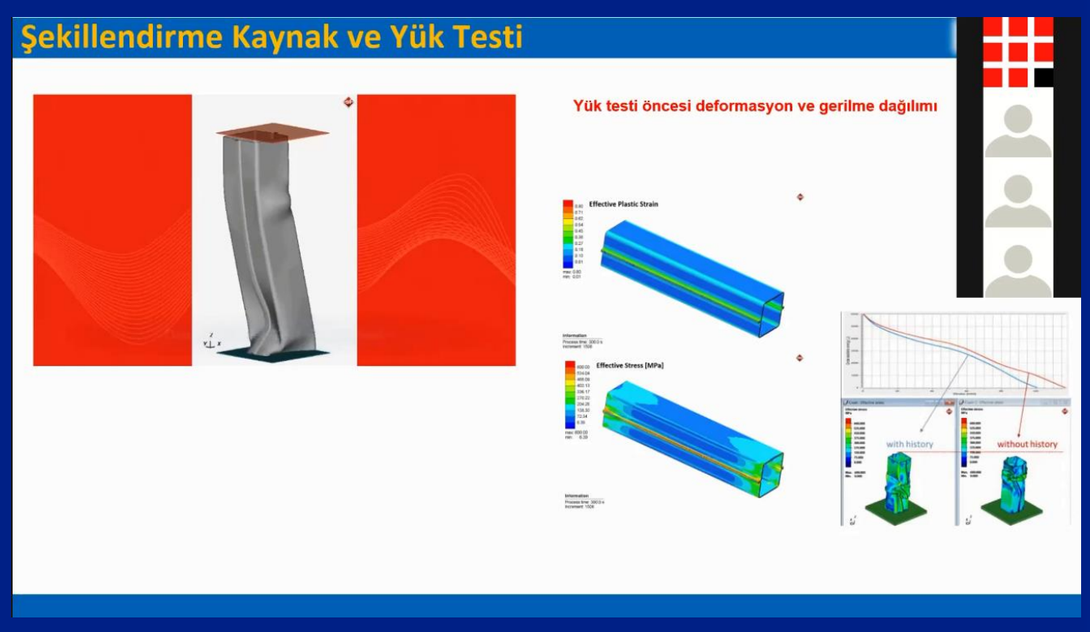
Res. Asst. Cihan SEZER was appointed as the Research Assistant of Defense Industry Technologies Application and Research Center at Istanbul Aydin University on 15.12.2021.

E - NEWSLETTER

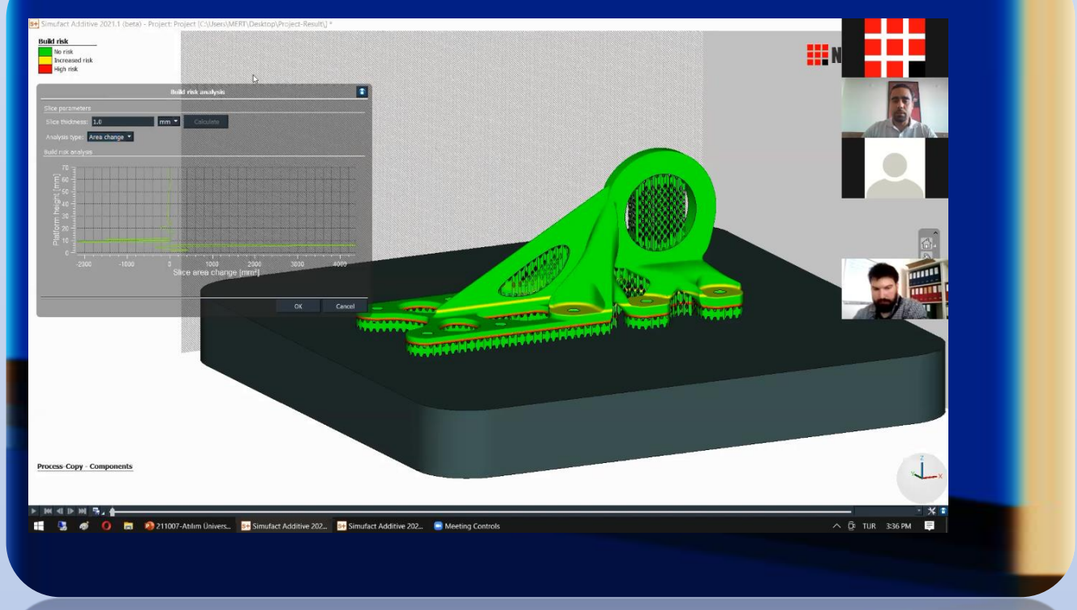
T.C. ISTANBUL AYDIN UNIVERSITY
DEFENSE INDUSTRY TECHNOLOGIES APPLICATION
and RESEARCH CENTER

No 5 / January / 2022

EVENTS



Participated in the "Metal Forming Analysis" and "Additive Manufacturing and Welding Analysis" trainings held by NETFORM Engineering Company between 5-7 October 2021.



On 22-23 November 2021, Selcuk University International Engineering Technologies Conference participated in the online seminar on "Analysis of Manufacturing Methods with Numerical Simulation Method"

E - NEWSLETTER

T.C. ISTANBUL AYDIN UNIVERSITY
DEFENSE INDUSTRY TECHNOLOGIES APPLICATION
and RESEARCH CENTER

No 5 / January / 2022

EVENTS

Participated in EIT Manufacturing 2021 Summit on 30 November-2 December 2021.

Participation in the seminar titled "Aviation and Space" held by Yildiz Technical University on December 7, 2021.

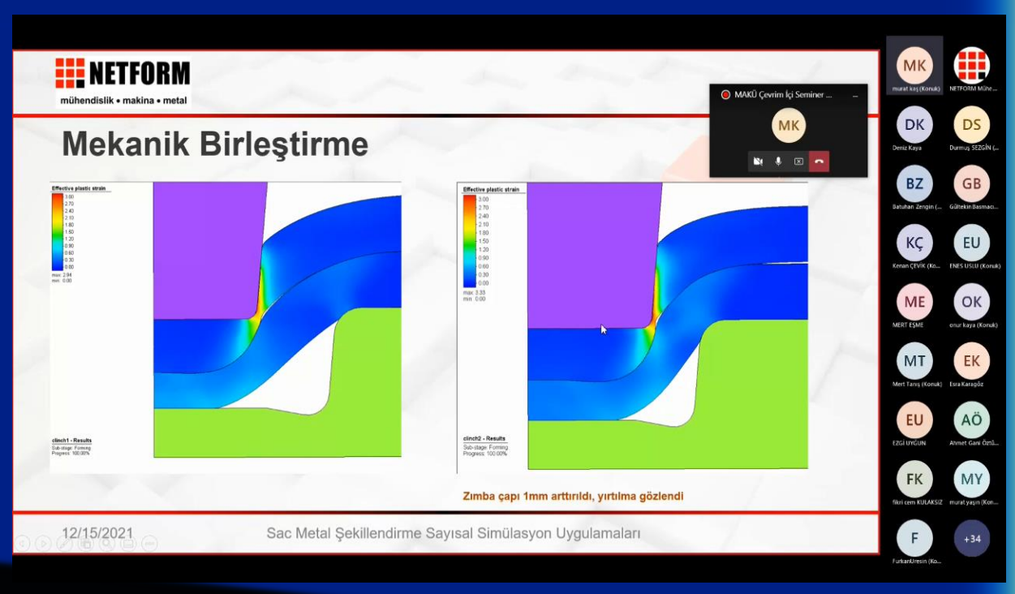
E - NEWSLETTER

T.C. ISTANBUL AYDIN UNIVERSITY
DEFENSE INDUSTRY TECHNOLOGIES APPLICATION
and RESEARCH CENTER

No 5 / January / 2022

EVENTS

NETFORM Engineering Company participated in the online seminar titled "Analysis of Manufacturing Methods with Numerical Simulation Method" held with Mehmet Akif Ersoy University on 15-22-29 December 2021 within the scope of university-industry cooperation..

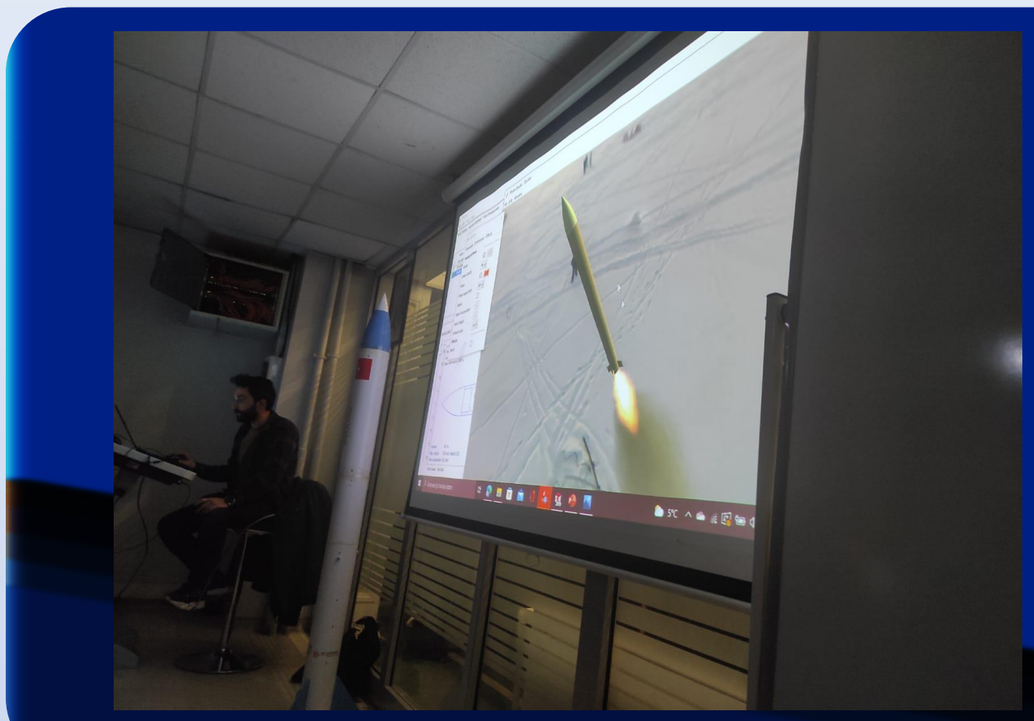


E - NEWSLETTER

T.C. ISTANBUL AYDIN UNIVERSITY
DEFENSE INDUSTRY TECHNOLOGIES APPLICATION
and RESEARCH CENTER

No 5 / January / 2022

STUDIES



Under the name of Defense Industry Student Club and Engineering Camps, “Rocket Design” training on 22-23-24 December 2021 and “UAV Design” training on 28-29-30 December 2021 were given to associate and undergraduate students.

E - NEWSLETTER

T.C. ISTANBUL AYDIN UNIVERSITY
DEFENSE INDUSTRY TECHNOLOGIES APPLICATION
and RESEARCH CENTER

No 5 / January / 2022

STUDIES

Within the scope of TÜBİTAK 2209a, students were given project writing training, and 7 project applications were made with undergraduate students and 13 project applications were made with associate degree students.

Defense Industry Technologies Center Director Asst. Prof. Dilşad AKGÜMÜŞ GÖK's International publication titled "Design and Fatigue Life Analysis of Air Suspension Z Type Leaf Springs Used in Heavy Commercial Vehicle" has been accepted for publication in the Journal of Polytechnic.

E - NEWSLETTER

T.C. ISTANBUL AYDIN UNIVERSITY
DEFENSE INDUSTRY TECHNOLOGIES APPLICATION
and RESEARCH CENTER

No 5 / January / 2022

STUDIES

Defense Industry Technologies Center Director Asst. Prof. Dilşad AKGÜMÜŞ GÖK and Deputy Director Inst. Serkan GÖK's International book titled "Solidworks Flow Simulation" has been accepted for publication at the Nobel publisher.

Work has started for the competition with the Nova Drone Team, which will represent our university in the Teknofest 2022 Fighting Drone category.

E - NEWSLETTER

T.C. İSTANBUL AYDIN UNIVERSITY
DEFENSE INDUSTRY TECHNOLOGIES APPLICATION
and RESEARCH CENTER

No 5 / January / 2022

TEAM

Asst. Prof. Dilşad AKGÜMÜŞ GÖK

(SSTUAM Director)
İAÜ / Eng. Fac. / Mechanical Eng. Department
dilsadakgumus@aydin.edu.tr

Inst. Serkan GÖK

(SSTUAM Deputy Director)
İAÜ / ABMYO / Head of Machinery and Metal Technologies Department
serkangok@aydin.edu.tr

Inst. Serkan KILIÇTEK

(SSTUAM Project Specialist)
İAÜ / ABMYO / Machine Program
skilictek@aydin.edu.tr

Res. Asst. Mehmet Tahir PALA

(SSTUAM Research Assistant)
İAÜ / School of Applied Sciences / Pilotage
mehmettahirpala@aydin.edu.tr

Res. Asst. Cihan SEZER

(SSTUAM Research Assistant)
İAÜ / Eng. Fac. / Mechanical Eng. Department
cihansezer@aydin.edu.tr

SSTUAM
SAVUNMA SANAYİ TEKNOLOJİLERİ UYGULAMA ve ARAŞTIRMA MERKEZİ
İSTANBUL AYDIN ÜNİVERSİTESİ