# T.C. **ISTANBUL AYDIN UNIVERSITY**

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 2021 No 1



**E-NEWSLETTER** 

ERSITE

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

Newsletter Design and Edited by Inst. Serkan GÖK

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

No 1 / January / 2021



**DEFENSE** INDUSTRY **TECHNOLOGIES APPLICATION** and RESEARCH CENTER

**Message of Director** 

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 technologies, to contribute for the development of defense technologies and industry by developing basic and infrastructure technological technologies, making engineering applications for needed systems 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.

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











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

No 1 / January / 2021



Asst. Prof. Dilşad AKGÜMÜŞ GÖK was appointed as the Director of Defense Industry Technologies Application Research Center at İstanbul Aydın University on 01.12.2020.



Inst. Serkan GÖK was appointed as the Deputy Director of Defense Industry Technologies Application and Research Center at Istanbul Aydın University on 22.12.2020.



Inst. Serkan KILIÇTEK was appointed as a Project Specialist at Istanbul Aydın University, Defense Industry Technologies Application and Research Center on 22.12.2020.

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

No 1 / January / 2021



İstanbul Aydın University, Defense Industry Technologies Application and Research Center has restructured the Board of Directors and Advisory Board as of 18.12.2020.

#### **SSTUAM Board of Directors**

- Prof. Dr. Hasan SAYGIN
- Prof. Dr. Mehmet Emin TACER
- Prof. Dr. Mustafa Nazmi ERCAN
- Asst. Prof. Vedat ÖZTÜRK
- Asst. Prof. Dilşad AKGÜMÜŞ GÖK

**SSTUAM Board of Advisory** 

- Prof. Dr. Rasim İPEK
- Prof. Dr. Ersin ARSLAN
- Prof. Dr. Arzu MARMARALI



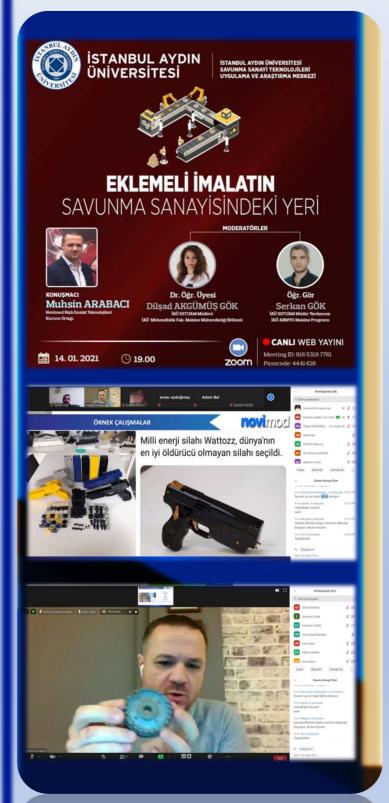




T.C. İSTANBUL AYDIN UNIVERSITY DEFENSE INDUSTRY TECHNOLOGIES APPLICATION and RESEARCH CENTER

No 1 / January / 2021

#### **EVENTS**



On Thursday, 14.01.2021 at 19:00, the webinar titled "The Place of Additive Manufacturing in the Defense Industry" was held with Novimod Rapid Manufacturing Technologies Co-Founder Mr. Muhsin ARABACI under the moderation of istanbul University Defense Aydın Industry and Technologies Application Research Center Director Asst. Prof. Dilşad AKGÜMÜŞ GÖK and Deputy Director and Lect. Serkan GÖK.

In the webinar, information was given about the National energy weapon Wattozz, which was chosen as the best non-lethal weapon in the world.

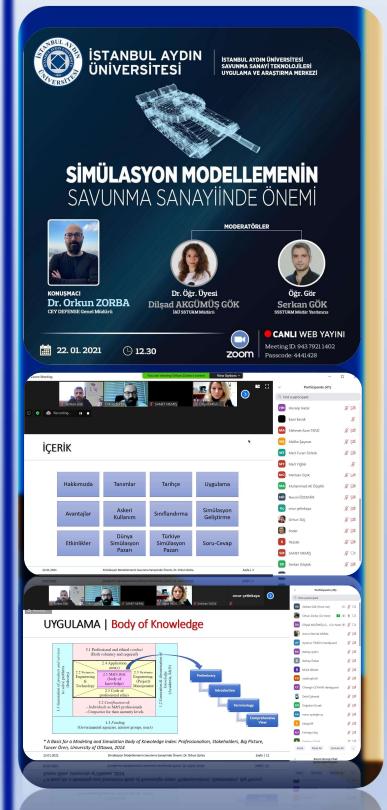
The webinar, which was held in the form of information about the place, importance and future impact of additive manufacturing in the defense industry, was also uploaded to the SSTUAM youtube page for those who could not watch it live.



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

No 1 / January / 2021

#### **EVENTS**



On Friday, 22.01.2021 at 12:30, the webinar titled "Importance of Simulation Modeling in Defense Industry " was held with CEY DEFENCE General Manager Mr. Orkun ZORBA under the moderation of İstanbul Aydın University Defense Industry Technologies Application and Research Center Director Asst. Prof. Dilsad AKGÜMÜS GÖK and Deputy Director and Lect. Serkan GÖK.

In the webinar, subjects such as the effects, uses and areas of use of military simulation and modeling were discussed.

The webinar, which was held with an emphasis on the fact that the simulations modeled especially for the defense industry are shorter than the real-life exercises in the sense of defense, their cost is low, and that they increase the efficiency of military personnel training, has also been uploaded to the SSTUAM youtube page for those who cannot watch it live.

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

No 1 / January / 2021

#### **EVENTS**



The logo design for our center was designed by İstanbul Aydın University Defense Industry Technologies Application and Research Center deputy director Lect. Serkan GÖK, and it started to be used on all platforms with the approval of director of the center Asst. Prof. Dilşad AKGÜMÜŞ GÖK.



Social media accounts were opened and actively used on Istanbul Aydın University, Defense Industry Technologies Application and Research Center.









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

No 1 / January / 2021



#### **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

