

## PRESS RELEASE

# The Sener Foundation presents the Sener Foundation ST3LLAR Awards at the UC3M-Sener Aerospace Chair

Madrid, December 2022 - The [Sener Foundation](#) presented the 2022 Sener Foundation ST3LLAR Awards within the subject and scope of the [UC3M - Sener Aerospace Chair](#). These awards recognize the research, scientific and technical excellence and quality of the theses of students at the [Carlos III University in Madrid](#) (UC3M).

On this occasion, the awards recognized the best senior's and master's degree theses in the field of the UC3M - Sener Aerospace Chair, as well as the group work done in the predesign course of the Master's in Space Engineering (MISE). Although the initial plan was to award only one group work prize, given the quality of the work presented, the jury decided to award a second prize in this category.

The presentation ceremony was held in the conference hall of the UC3M Leganés campus and was attended by Sener's responsible of the UC3M - Sener Aerospace Chair, Dr. Luis Felipe Peñín, the Director of the Sener Foundation, Rosana Madroñal, the Director of the UC3M - Sener Aerospace Chair, Dr. Andrés Marcos, and the professor of electronics engineering at the UC3M, Luis Alfonso Entrena.

During his speech, Andrés Marcos explained the origin of these awards, "*created to promote research in the aerospace area, and specifically within the scope of the chair*". Luis Peñín, for his part, noted "*the importance of building bridges between the company and the university so they can contribute jointly to the advancement of society*". Rosana Madroñal underscored the importance of "*recognizing the work of undergraduate and master's students, research projects that solve existing problems through engineering and help improve our lives*".

On this occasion, the prizes went to:

- 1<sup>st</sup> prize for a thesis (worth 2,500 euros): Juan María Herrera, for his master's thesis titled "Design of an Antenna Array for a Radiometer in Earth-Observation Satellites".
- 2nd prize for a thesis (worth 2,000 euros): Elsa Ricq de Haro, for her senior thesis titled "Designing Fault-Tolerant Digital Filters through Reduced Redundancy".
- 1<sup>st</sup> MISE predesign prize (worth 2,500 euros, to be distributed among the team members): "MAXIMEGALON" project, by Nayelli Mondragón, Jaime Fernández, Jesús Sánchez, Marta Donate, Alnira Mei and Borja Bayón.
- 2<sup>o</sup> MISE predesign prize (worth 2,000 euros, to be distributed among the team members): to the "BOIRA" project, by Miguel Cruzat, Sergio Cuevas, Ainhoa López, Juan María Herrera, Laura Train and Carlos Caravaca.

### ***About the Sener Foundation***

*The Sener Foundation was created in May 2002 by the Sener Engineering Group and the Sendagorta family to promote humanitarian initiatives and activities. Over its years of activity, the Sener Foundation has been working in social services at the community level by developing social responsibility in professional activities, training people, and promoting research at the highest level.*

### **Further information:**



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The activities carried out by the Sener Foundation include encouraging scientific research at the highest level by presenting prizes, such as the [Award for Best Doctoral Thesis in Engineering](#), sponsoring the Air and Space Force Award for university aerospace research, and supporting [R&D projects](#) in technology centers and universities. Similarly, the Sener Foundation promotes [corporate volunteering](#) among SENER staff and encourages young people to pursue careers in science with [A Challenge for Science](#).

### **About Sener**

[Sener](#) is a private engineering and technology group founded in 1956, which seeks to offer its clients the most advanced technological solutions and which enjoys international recognition thanks to its independence and its commitment to innovation and quality. Sener has 2,700 professionals on five continents. Sener combines the activities typical of Aerospace and Engineering and has ownership stakes in companies working in the power generation field, through Sener Renewable Investments.

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### **About the University Carlos III of Madrid**

The University Carlos III of Madrid is a Spanish public university that plays a leading role in teaching, research and innovation. It is ranked 34th worldwide in the QS ranking of the world's top 50 universities under 50, and it is listed in the Times Higher Education (THE) 150 Under 50. It ranks first in Spain and third in Europe in the number of students participating in the Erasmus program, and it has more than 870 agreements with universities in 56 countries, including some of the best in the world, according to the ranking of the University of Shanghai. 20% of UC3M students are from abroad.

The UC3M has numerous accreditations and quality certifications, such as the EUR-ACE seal in the field of engineering, and the AACSB accreditation for its business and finance programs, among others.

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