

PRESS RELEASE

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

Madrid, December 2023 - The [Sener Foundation](#) presented the 2023 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).

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 and Head of the Systems, Navigation and Control Area at SENER Aeroespacial, Mercedes Ruiz, the Director of the Sener Foundation, Rosana Madroñal, the Director of the UC3M - Sener Aerospace Chair, Dr. Andrés Marcos, and the professor of Computer Science and Engineering Javier Fernández Muñoz.

During his speech, Andrés Marcos wanted to highlight the importance of collaboration between the company and the university by explaining the origin of the ST3LLAR Sener Foundation Awards and the UC3M - Sener Aeroespacial chair. An idea that Mercedes Ruiz also highlighted in her speech in which she spoke of "strengthening ties between the university and the company to foster interest in research in students before beginning their working life." For her part, Rosana Madroñal congratulated the candidates for the awards "since the simple fact of completing the studies and doing so with excellence is already an award in itself," while highlighting the work of the Sener Foundation. in supporting research in universities.

On this occasion, the prizes went to:

- 1st prize for a thesis: Alberto Jesús Nogueras, for his master's thesis titled "Experimental Analysis of Radiofrequency Discharges".
- 2nd prize for a thesis: Borja Bayón, for his master's thesis titled "Sparse Regression for the Breathing Mode Instability: Extracting Governing Equations from Hall Effect Thrusters Simulation Data".
- 3rd prize for a thesis: Alnira Mei Causing, for her master's thesis titled "Thermomechanical Optimization of CFRP Primary and Secondary Mirrors of a Cassegrain Reflecting Space Telescope".
- Honorable mention: Antonio Montero, for his master's thesis titled "Low-current Hollow Cathode design"
- MISE predesign prize: "ALPHA" project, by Miguel Leiva, Antonio Hernández-Rodicio, Adrián Calleja, Fernando Solano, Brais García, Miguel Alonso, María Rodríguez, Jaime Ruiz and Lourdes Lobera.

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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.

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 transform the world by challenging the boundaries of technology, with the mission of helping its clients with innovative and effective solutions, thanks to its differential values: innovation, excellence, commitment, passion and teamwork. Sener has more than 3,400 professionals on five continents and has become a global leader in the mobility, advanced facilities for data centers, energy, marine and aerospace sectors. Through Sener Renewable Investments, Sener also has ownership stakes in companies working in renewable energy generation.

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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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