

**SENER Foundation ST3LLAR Awards of the
UC3M - SENER Aeroespacial Chair - 2021-2022 call**

INTRODUCTION

The SENER foundation was created in May 2002 by the SENER Engineering Group and the Sendagorta family to promote initiatives and activities based on two principles: to contribute to the community's social service and to develop the socially responsible nature of professional activity. The objectives of the SENER Foundation are: to spread the spirit of the founders of SENER, characterized by the search for scientific and technological knowledge; to apply this knowledge to engineering projects to create better solutions for the needs of our environment and time; to support people and research groups in their work and/or training who stand out for their ability and initiative, scientific or technological expertise, and ethical responsibility; and to favor the moral and material advancement of society through scientific and technological programs and projects.

On March 14, 2018, the Universidad Carlos III de Madrid (UC3M) and SENER Aeroespacial signed a partnership agreement creating the UC3M-SENER Aeroespacial Chair, which focuses its activities on research tasks related to the development of aerospace devices and systems.

The SENER Foundation, in view of the fact that students from the UC3M do their senior or Master's projects in fields related to the areas of research of the UC3M-SENER Aeroespacial Chair, seeks to promote the excellence and scientific and technical quality of these projects.

GOAL

The SENER Foundation wants to recognize those Final Theses of undergraduate (TFG) or Master's students (TFM) that involve the subjects and fields of the UC3M-SENER Aeroespacial Chair. Likewise, in this edition, the SENER Foundation also intend to recognize the group work resulting from the pre-design course of the Master in Space Engineering (MISE)

The objective is to recognize the scientific and technical excellence and quality of the projects of students at the Universidad Carlos III of Madrid with an annual prize called the SENER Foundation ST3LLAR Awards.

RECIPIENTS

All students at the UC3M who have submitted and had graded their Final Theses for a Bachelor's or Master's degree in 2021, in an area of relevance to the UC3M-SENER Aeroespacial Chair, are eligible for the award. Likewise, the group works resulting from the pre-design course of the Master in Space Engineering (MISE) can present their candidacy. To be applicable the TFG/TFM/Group-Report must have received a mark of 8 or higher out of 10.

PRIZES

The following prizes will be awarded, the amounts of which are as follows:

Bachelor/Master Thesis

1st prize: 2,500 euros
2nd prize: 2,000 euros
3rd prize: 1,500 euros
Honorable mentions: 1,000 euros each

MISE Pre-design

1st prize (group): 2,500 euros (to be distributed equally among the participants)

The jury reserves the right to award the number of honorable mentions it deems appropriate. The amount of the prizes will be subject to the applicable tax withholding as required by law.

The awards will be presented at a UC3M-SENER Aeroespacial event organized by the Carlos III University of Madrid, with representatives from SENER Aeroespacial and the SENER Foundation. It is tentatively scheduled to take place in the last quarter of 2022.

The winners agree to collect the prize in person, whenever possible, in the time and manner indicated by the organizers of this contest.

RULES

1. Submission of entries and period

Applicants are to submit their TFG/TFM/Group-Report and the additional documentation in digital format via email to catedra.sener@uc3m.es. If the files submitted exceed 10 MB, the email containing the application may be supplemented by an additional submission via platforms such as Wettransfer, Dropbox, OneDrive or similar (please specify this additional submission in the application email).

The period for submitting applications is October 1 to 31, 2022.

2. Documentation

The following documentation is to accompany each entry:

- Final Thesis TFG or TFM), which is to include the title of the dissertation, as well as the name of the author and his/her director(s) / Design group work which is to include the title of the dissertation, as well as the name of the author and his/her director(s).
- Statement from the UC3M with the grade issued by the evaluation board, as well as names of the director(s) of the project and the board members / Statement from the UC3M with the grade issued by the group work.
- Letter from the project director confirming that its subject matter falls within the scope of activities of the UC3M-SENER Aeroespacial Chair.
- Personal contact details: name, telephone number and email address.

3. Presentation of the works

All candidates must present their work to the Jury in a presentation that will take place at the facilities of the Carlos III University of Madrid, foreseeably, in the month of November 2022. The presentation time may not exceed 8 minutes, after which there will be a 2-minute question time by the members of the Jury. In total, it will be 10 minutes.

To make their presentation, candidates may rely on those materials they consider necessary for the explanation and understanding of the work developed (models, power point presentations, etc.).

4. Jury

The jury will be made up of two SENER Aeroespacial professionals and two UC3M professors, all of whom belong to the UC3M-SENER Aeroespacial Chair committee, or who are proposed by said committee in the event of a conflict of interest involving its members.

When evaluating the works, the jury may seek advice from renowned professionals in the field in question.

5. Criteria

The jury will specify the criteria for assessing the TFG/TFM presented to the awards, based mainly on the following criteria:

1. The relevance and applicability of the work to the scientific and technological areas of SENER Aeroespacial.
2. The innovation and quality of the technological solutions proposed.
3. The scientific and technical rigor of the work.
4. Presentation of the work: style of the presentation, clarity in the presentation, ability to disseminate the research, group participation (in the case of teamwork).

6. Jury's decision

The jury's decision, which shall be final, will be made public by the SENER Foundation and be communicated to all the entrants, presumably by the end of 2022. The jury reserves the right not to award the prizes, *honorable mentions* and MISE Pre-design Prizes of the SENER Foundation ST3LLAR Awards.

The winners undertake not to publicly reveal that they have won a SENER Foundation ST3LLAR Award until the convening entity announces it on its communication platforms (website, social media, press releases, etc.).

7. Intellectual and industrial property

The SENER Foundation, the UC3M-SENER Aeroespacial Chair and the participants expressly acknowledge that the industrial and intellectual property rights associated with each work that is selected for an award belong to the author of the work.

However, given the exclusive sponsorship that the SENER Foundation commits to through this agreement, with the support of the UC3M-SENER Aeroespacial Chair, the exclusive right of the SENER Foundation, the SENER Group and the Carlos III University of Madrid is recognized to use the name and image of the winning authors and projects in any promotional interviews and events that may be organized to advertise these awards.

Similarly, the SENER Foundation, the SENER Group and the Carlos III University of Madrid may publish reviews of the content of the winning TFG/TFM/Group-Report in the printed and digital publications of the aforementioned entities for promotional purposes.

8. Any TFG/TFM and pre-design group work that were defended in previous years shall be ineligible.

9. Acceptance of rules and conditions

The acceptance of a SENER Foundation ST3LLAR Award entails the implicit and full acceptance of the terms of the competition and of the applicable laws in Spain with regard to taxation, industrial and intellectual property, and personal data protection.

10. Jurisdiction and venue

The parties agree that any dispute resulting from or related to the performance, interpretation and enforcement of these rules shall be resolved in the competent courts of the City of Madrid, and they renounce any other jurisdiction that may correspond to them.

11. Protection of personal data

The SENER Foundation, with tax ID number G-83328419, and registered address at Calle Severo Ochoa 4, Parque Tecnológico de Madrid, Tres Cantos and contact email address fundacion@sener.es, is the organizer of the SENER Foundation ST3LLAR Awards.

As a result, the SENER Foundation will process the personal data of the participating students in order to manage the participation and organization of this initiative, as well as to select and present the prizes to the winners. This data processing is based on the need to manage the students' entries to the SENER Foundation ST3LLAR Awards and to enforce the rules of the competition.

All personal data will be stored for the duration of this edition of the awards, and subsequently during the periods during which any complaints may be filed.

The personal data will not be disclosed to third parties, except as required by law or to carry out the process involved in paying out the prize. The personal information may also be disclosed internally to other SENER Group companies to manage certain processes related to the Awards, based on a legitimate interest.

The participating students may exercise their rights of access, rectification, erasure, portability and limitation of processing at any time by sending an email to protecciondatos@sener.es. They may also contact the SENER Group Data Protection Officer at dpd@sener.es, as well as file a claim with the Spanish Data Protection Agency or other competent supervisory authority.