

EA² Course Preparation Call

Dear colleague in Aeroacoustics,

On behalf of the European Academy of Aeroacoustics we would like to invite you to an open call for partners to join us in the preparation of courses for high-level education, at the PhD and Postdoc level, on aeroacoustics topics with focus on recent advancements.

This initiative aims to connect the community in Aeroacoustics, at the same time preparing the next generation of scientists and industrial players with the best teacher and tools available worldwide.

Overview of the course highlights

In order to create a stimulating environment and allow the participant to familiarize with advanced multi-disciplinary aeroacoustic concepts, the courses should be prepared with:

Hands-on sessions

Very practical activities based on given lecture material and with close supervision. A strong focus has to be given to experimental/numerical plenary sessions. Coaching and guidance will be provided by the EA2 experts, complemented with international scientists where appropriate.

Guided exercises

Numerical and experimental exercises formulated with the intent of solving a specific research question relating to the analysis of a system or to the application of a specific formulation.

Workshops and brainstorming events

Brainstorming activities in the form of dedicated workshops to scientific problems in aeroacoustics, where attendees will be invited to share their latest results on specific topics.

What we offer for you

If you join the call, we offer:

1. ***Assistance in the preparation of the course program:*** e.g. refining existing topic list with respect to existing EA2 courses, help in contacting lecturers, help in distributing lectures, activities and breaks during the day.
2. ***Support in the registration, advertisement and choice/preparation of the venue:*** e.g. are you missing a venue location with sufficient space? We can help you with ours, including registration website etc.
3. ***Direct help during the lecturing time and preparation of the activities:*** e.g. do you need support during the practical activities to set up your hardware or have logistic

problems with a high number of participants? Some of us can help you during the days of the course.

Financing and organizational aspects

The EA2 is a non-profit organization, aimed at improving the level of education in the field of aeroacoustics. Important aspect related to financing are:

1. **Course fee:** The fee of the course and attendance needs to be planned to cover the venue, the needed material, and the lecturers' time. From the organizational side we do not require any extra funding beside the one spent for the organizational aspects.
2. **Invited lecturers:** We encourage the course to have several invited lecturers and to plan in advance their financial requirements for travel and accommodation if needed.
3. **Experimental/numerical material:** All the purchased material will be reusable for additional course editions if needed.

What We Need From You

We invite interested colleagues to participate in this call by filling a 2-page document in which they provide with:

- 1) **the course description and how it fits the EA2 framework;**
- 2) **a preliminary breakdown of the program with details on the lectures of the single days (max 5 days), lecturers and a description of the practical activities**
- 3) **a breakdown of the material costs, expected expenses, proposed fee and of the required space.**

If you have any questions, please feel free to contact one of the founders at <https://www.tudelft.nl/lr/european-academy-of-aeroacoustics>. We look forward to your response and thank you very much for your interest and support.