



NASE BOXES ONLINE

Introduction

NASE COURSES are mainly courses with a special character, they are very practical. So, it is not easy to offer a transmission presentation when the situation is not good for face-to-face courses.

However, we live in new and existing times when the different audiences can have different approaches to the knowledge. The technology arrives to stay as part of our life and new and innovative products associated with new communication tools must be part of the training courses. In the case of NASE Program, the responsible committee discussed for a long time in which way to start this approach, because the core of this proposal, is not ole hands-on activities, but also face-to-face actions.

The year 2020 will be recognized in the future, as the “year when all the planet was in danger: because a pandemic. This is a very new situation for the humanity. In this context, NASE-Program developed a mix proposal, with activities than can be made at home, with the help of trainers online, but in all the cases thinking on “live presentation in real time”.

The innovation in this project is centered in the distribution of the NASE-boxes, with all the material needed for the different courses (full and monographic) which will permit to develop each activity at home or at the school in any place on the Planet, the participation will be certificate as long as the participants complete the activity in contact with the trainer, online.

This new offer is a real challenge for NASE. We hope to have a good response from different communities and to help to include astronomical contents in places where the face-to-face activities are very difficult.

Description of NASE-boxes online

To facilitate an online NASE course, organizers can use the materials needed for hands-on activities included in a NASE box. Local organizers can request receipt of NASE boxes by post. If they have all the NASE materials before starting the course, they can repeat the activities that they can see online during the course.

Of course, there is a possibility that participants in the online course will ask to borrow the box to the Local Working Group for a specific period of time.

There are different kind of NASE courses, that is to say there are the same number of **NASE boxes online**

NASE offers boxes that included all materials necessities in order to teach NASE curses. There are different kind of courses:

- The basic course, the full course, which included astronomy, astrophysics and

astrobiology. This is the biggest one box of NASE. The course involves 4 lectures and 10 workshops.

- The course on astronomy in a not so big box. This course involves 2 lectures and 4 workshops.
- The course on astrophysics in a smaller box. This course involves 2 lectures and 4 workshops.
- The course on astronomy in a smaller box. This course involves 2 lectures and 4 workshops.

The list of materials is detailed for each course in following pages. The guide of the courses is in the NASE website and also the books with all details about how to use the materials included.

This methodology is not prepared in order to substitute the face to face courses, but it is a good idea especially for the Local Working Groups that need special support in order to introduce some new contents and some changes as such as exoplanets or astrobiology. It is a good way to exchange new details and new aspects that it is necessary to introduce periodically in the courses.

