



Scientific Dissemination in the Centre for Astrobiology

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CENTRO DE ASTROBIOLOGÍA
ASOCIADO AL NASA ASTROBIOLOGY INSTITUTE



GOBIERNO DE ESPAÑA



CSIC
CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS



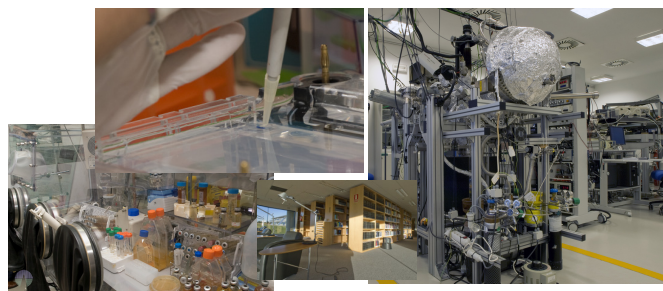
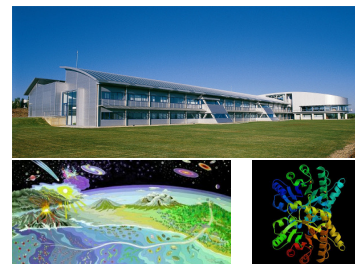
INSTITUTO NACIONAL DE TÉCNICA AEROSPAZIAL

Summary: From the moment of its creation, the Centre for Astrobiology has been very clear that outreach and science communication is an integral task of the research work. In this regard, all staff have assumed the Centre's objective to inform the society in general and educational and scientific community about the Centre for Astrobiology, its research program and results. Since Astrobiology is an emerging science, it is also a key objective to contribute to the dissemination of new knowledge, its theoretical and its main lines of work. Here we present the activities undertaken by the Outreach Unit of the Centre for Astrobiology as an example of dissemination of knowledge of a multidisciplinary science.

Astrobiology

At CAB, we understand Astrobiology as the study of the emergence and early development of life in the context of the evolution of the universe trying to find an answer to fundamental questions of mankind since very early times:

- What is the life?
- How were the basic materials for Life created?
- There are or can be Life in some other places in the Universe?
- There is a relation between Life and Universe evolution?



CAB is a Spanish research centre associated to NASA Astrobiology Institute

CAB is divided into Departments and Laboratories

Astrophysics

Planetology and Habitability

Molecular evolution

Instrumentation

CAB in numbers:

6000 square meters

3 support units

Inverness

Auditorium

9 laboratories

3 telescopes

Library

More than 150 people

Divulgation and Outreach

The outreach service has the main goal of preparation and diffusion of information about the research programme of CAB with the double aim of attracting further interest in science and technology among young generations and increase society's scientific culture. It includes:

- Guided visits (50 schools, 1,550 students)
- Participation in Fairs and Science Weeks
- Open door days
- Conferences and round table sessions in educational centres, City Halls, museums, etc
- International Summer School of Astrobiology at UIMP
- Astronomy Workshops attended by Secondary Schools (85), Universities (7) and Amateur Astronomy Associations (6); more than 3,000 people in total
- Web page and preparation of outreach items (books, brochures, multimedia)
- Answers to external questions related with Astrobiology



Other activities

PARTNeR and Robotic Telescopes activities (see our other presentation on this conference)

IYA activities of CAB

Talks (Casas-Ibáñez) (12 talks, 800 people)

Multimedia concert (300 people)

Astronomical observations (200 people)

Construction of a solar clock

ASTROCAM-COSMOCAIXA conferences and sessions (420 people)

Multimedia Concert Programme "Little Astronomical Serenade" (30,000 people, see our other presentation on this conference)