

# Public release of public web portal

website presentation



INAF – OAR for the Astrodeep project



**ASTRODEEP**

**"Unveiling the power of the deepest images of the Universe"**

THEME [SPA.2012.2.1-01]

[Exploitation of space science and exploration data]

Grant agreement for: Collaborative project

Grant agreement no: 312725

## ABSTRACT

*In this document we describe the official ASTRODEEP web portal. It is the main tool to present the results and ongoing activities of the project. This is the final version that is presented to the astronomical community and the general public.*

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## Goal

The official web portal of the ASTRODEEP project is the main dissemination node for all the scientific results as well as the public interface of the collaboration towards the international astronomical community. Following the main concept presented in D7.1 and after consultation with the partners during the preliminary beta release, we are presenting the final version that can be found in a dedicated domain:

<http://www.astrodeep.eu>

The domain has been active since March 2014 and will remain available for the entire duration of the project. A secondary domain (<http://www.astrodeep.org>) has also been registered and is linked to the official one. The realization of the concept has been sub-contracted to a professional web designer, since such an activity had been budgeted in the DoW.

## Description

In this final release, the portal includes all information related to the project, both from a technical and a scientific point of view.

- **Home page**

In the following figures we show screenshots of the main sections and menus.



*Figure 1: This is the home page of the official ASTRODEEP web portal.*

As can be seen in Fig.1 the home page is divided in four main quadrants that are dedicated to the four main macro areas namely: Science, Data, Software and Outreach. Each quadrant includes an introduction to the section and the latest updates. If the introduction is selected the user will be forwarded to a page presenting all available content for the specific macro area. By selecting the text of the two updates the user will be forwarded to the specific news item. In the following figures we present screenshots of the various sections.



Figure 2: “Science” section, where the user may find all information about the scientific results of the project, as well as a list of all the publications in the topics of interest.



Figure 3 “Data” section, where the user may find information about the raw and reduced data of the various surveys as well as links to the databases where all data products (images and catalogs) will be publically available.

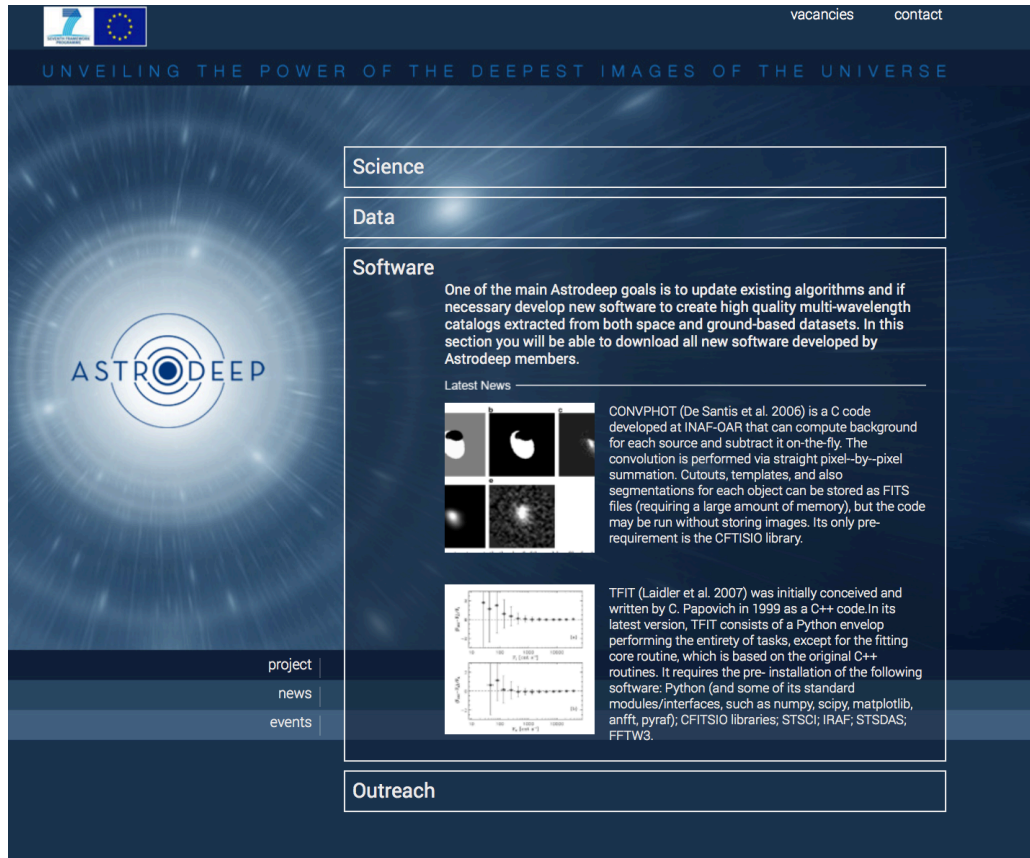


Figure 4: A screenshot of the “Software” section presenting the algorithms developed by the ASTRODEEP team and used for the data analysis. All new software will be publically available, including the source code and manuals for installation and use.

- **Menus**

There will be three menus on the ASTRODEEP web portal:

1. The Main Menu presenting all pages connected to the main results and data products. The content of the pages found under this Menu will be frequently updated and will change accordingly to the project needs;
2. A bottom Sidebar dedicated to news, events and including a section with all technical details about the FP7 project (list of deliverables, milestones, detailed description of the various Work Packages);
3. A secondary menu at the top-right of the Home page with contact information and announcements for vacancies, post-doc positions and the “visiting program”.

Each section will have secondary local Menus to make navigation easier for the users. All team members will frequently update the portal content, in order to correctly reflect the current state of the various Work Packages. For this reason there will be some restricted areas, for team members only, where preliminary results will be made available to all partners for testing, commenting and validation. In the following figures we show examples of these various sections.



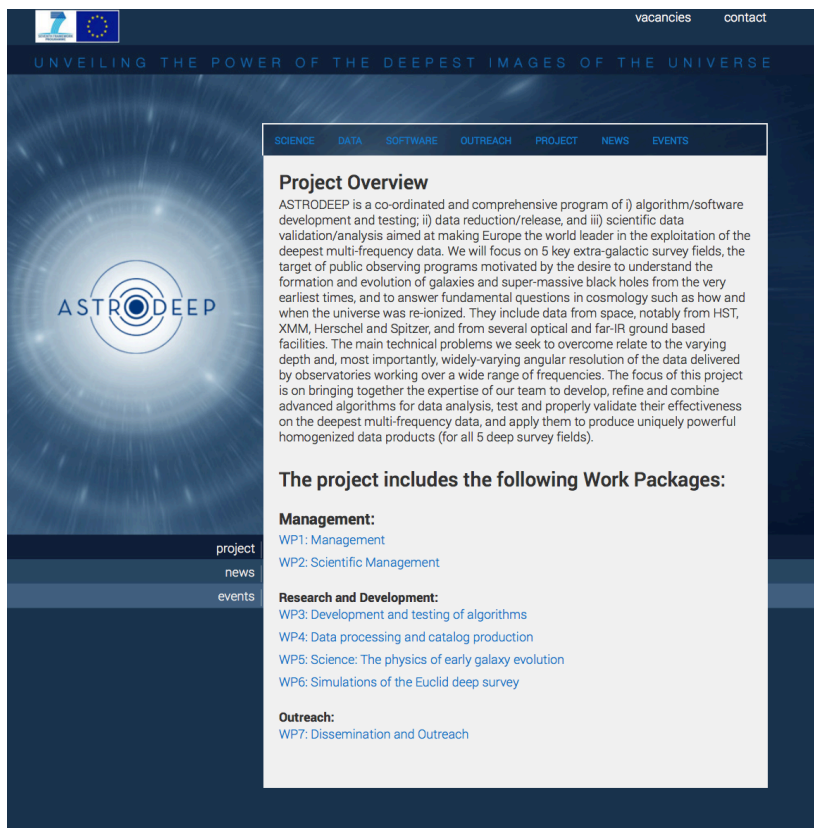


Figure 5: In this section we present the page dedicated to the project details. Here in particular we show the list of the various Work Packages, but there are also pages including the list of the deliverables and milestones, along with relevant documentation when available.

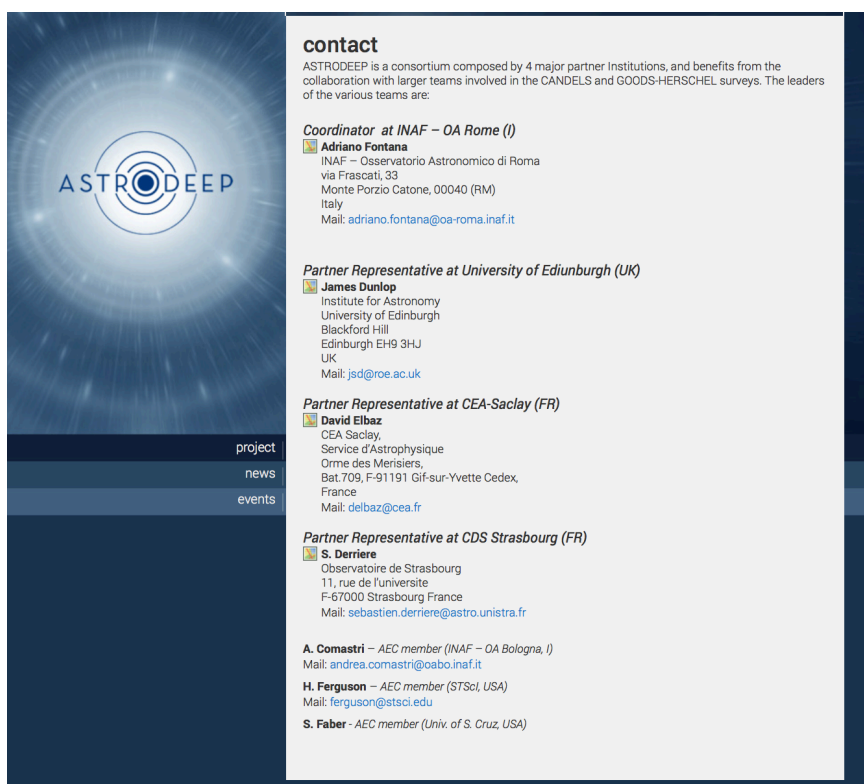


Figure 6: This is the page with the contact details of all Partner representatives. There are additional pages with details about the team members in each institute and their contact details.

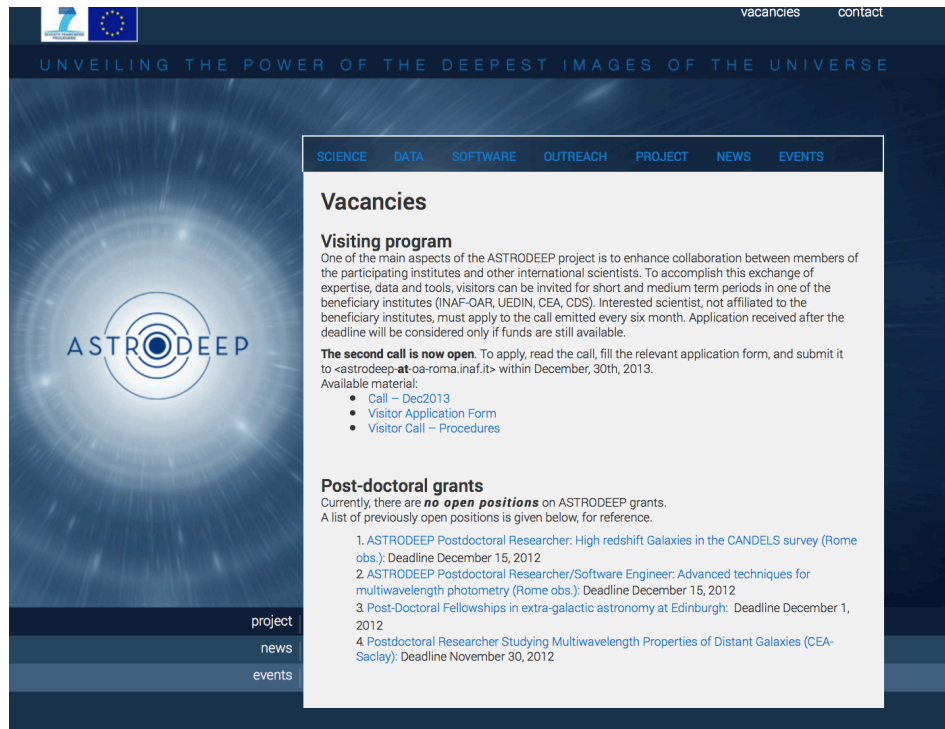


Figure 7: In this section vacancies and other collaboration opportunities are announced.

## • Plug-in

The WordPress platform offers various plug-ins and it was decided to install the WP Project Manager that can be used to facilitate team coordination. This plug-in substitutes the originally selected SmartSheet and BaseCamp softwares that required monthly fees. In the contrary this plug-in is free of charge and includes most of the main Project Management tools necessary for a smooth collaboration within the Astrodeep team, like: todo lists, milestones, file sharing, message exchanges and list of activities. In Fig. 8 we show a screenshot of a new “project” on the Frontier Fields.

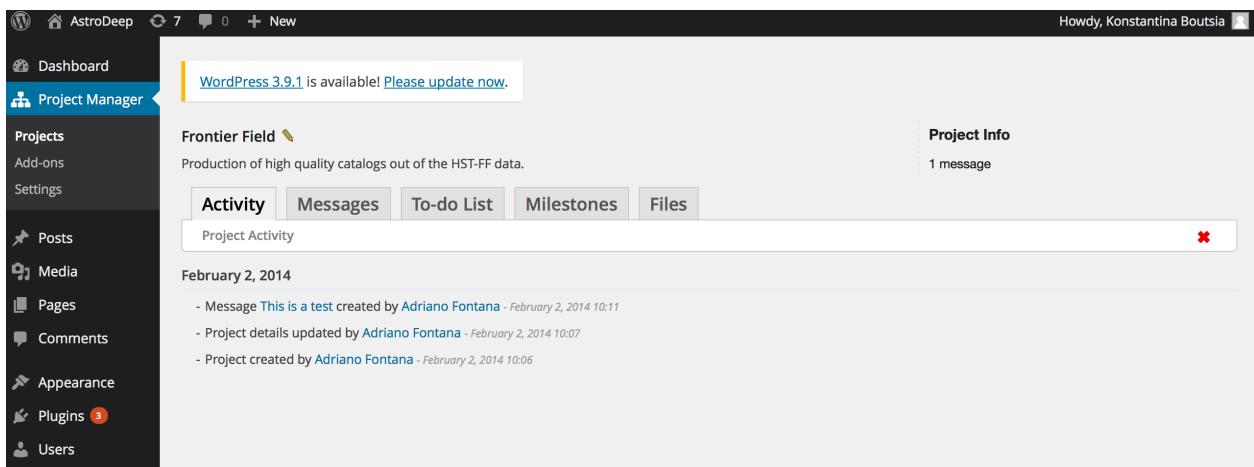


Figure 8: Screenshot of the Project Management plugin

## Web Site management

Although we have now concluded the basic design and organization of the official Astrodeep portal, the website will be constantly maintained and updated to include all new results and products and reflect the status of the various projects. Team members already have personal accounts and passwords, with various levels of editing capabilities that allows them to access the WP mainframe and contribute to the various sections. Thus this portal will expand and evolve according to the needs of the Astrodeep project.

In the long-term all the data products presented on the website, will be transferred for permanent storage on the CDS servers so that they can be available also after the conclusion of the FP7 program.