



**SHocks:
structure, AcceleRation,
dissiPation**

Work Package 6
Exploitation and Dissemination

Deliverable D6.1
Creation of the initial Project web
site

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1. Summary

This report describes the preliminary configuration of the SHARP project web page. Over the course of the project, new information and results will be added, as well as new functionalities.

2. Introduction

This report describes the creation of the initial SHARP web site as part of the *Exploitation and Dissemination* workpackage (WP6). The web page aims to disseminate all results of the SHARP project, including general information on the project, updates on the progress of the project, publications and presentations.

The web page will host the user interface for searching and downloading data from the shocks database created in workpackage WP5. Additionally, information about the summer school organised as part of workpackage WP6 will be published on the SHARP web page in the final year of the project.

3. Web page description

The SHARP web page is hosted on the servers of the Finnish Meteorological Institute (FMI) and its URL is **<https://sharp.fmi.fi/>**.

For the creation of the web page the open-source content management system *Wordpress* is used. A pre-built template has been utilised as the fundament of the SHARP web page and has been customised to fit the needs of the project. Using a pre-built wordpress template ensures that the wordpress workflow is not compromised and allows smooth maintenance of the web page.

The web page is built with HTML5 and should be displayed correctly on any modern web browser with HTML 5 support. The web site has been successfully tested in Firefox 86.0, Google Chrome 87.0 and Microsoft Edge 42.17134.

3.1 Layout

The project web site has a simple layout consisting of the header area, the main content area with sidebar and the footer area. All pages of the web site follow the same layout and design. This allows for easy customisation and uncomplicated adaptation to

different screen sizes. A screenshot of the SHARP home page is displayed in **Figure 1**.

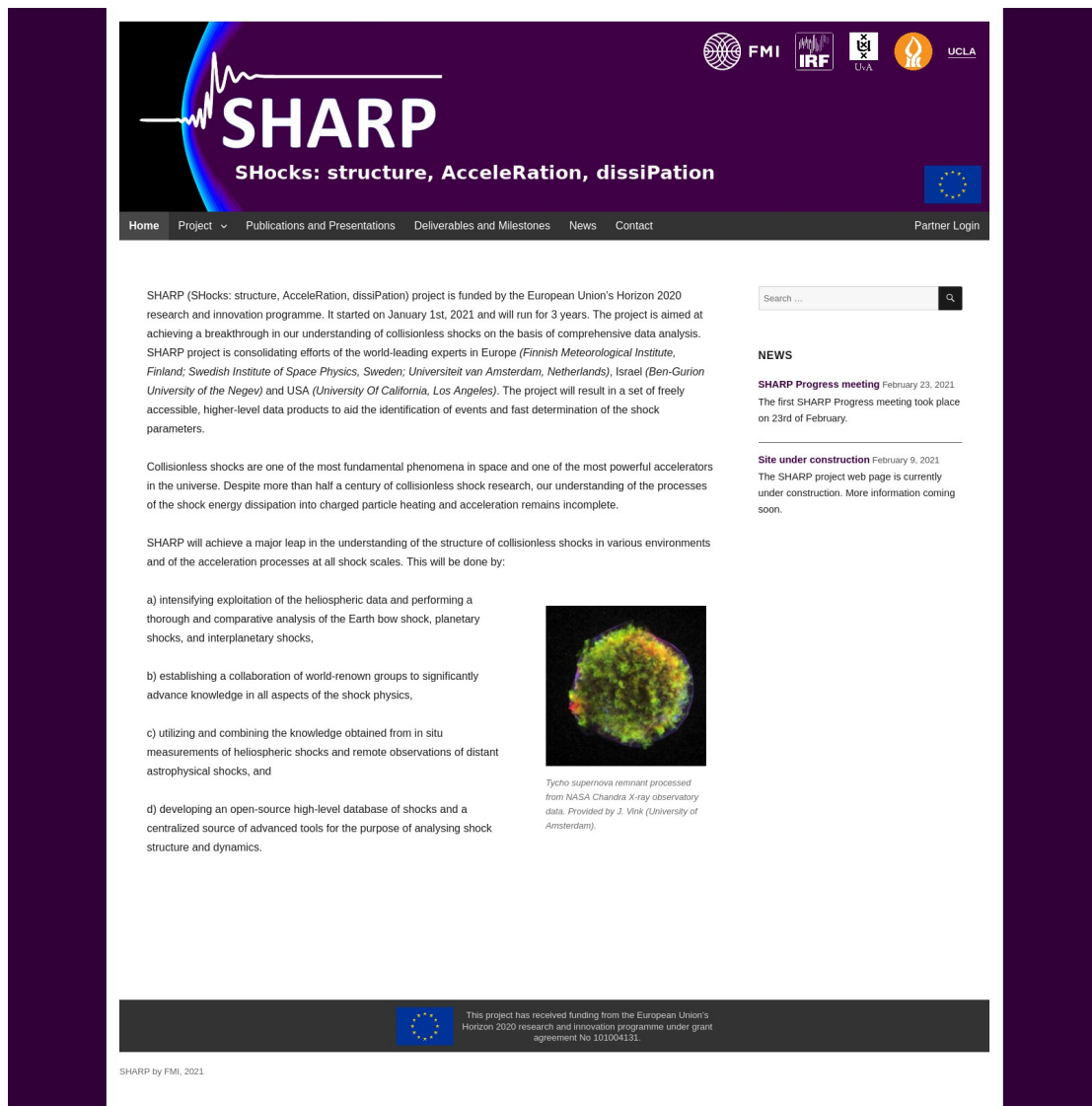


Figure 1: Screenshot of the SHARP Home page (<https://sharp.fmi.fi/>).

The header area incorporates the SHARP logo and the institutional logos of the project participants, each linking to the home page of the corresponding institution. The logo of the European Union is displayed in the bottom right corner of the header image to demonstrate the relation to the European Commission funding.

The main navigation bar is located directly below the header image and logos. Here, all pages and subpages of the web site are displayed and allow for quick navigation around the site.

The footer area accentuates the funding through the Horizon 2020 programme.

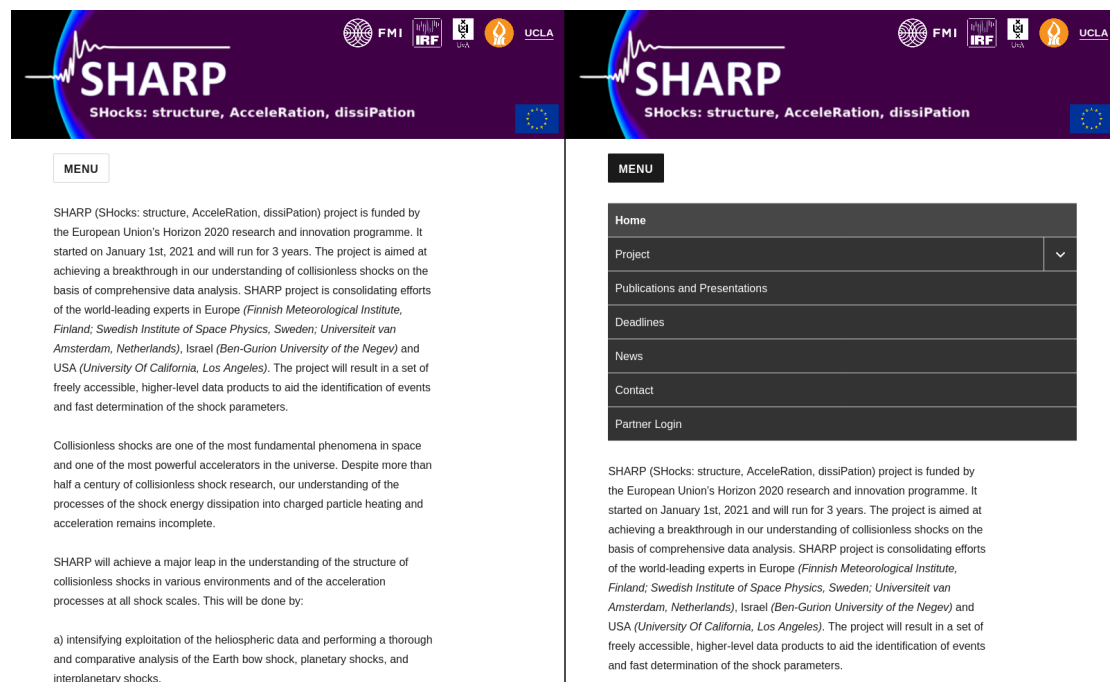


Figure 2: Appearance of the Home page on a tablet or smartphone screen (<https://sharp.fmi.fi/>).

The web site is built to be fully responsive, meaning it automatically scales the content to the screen size of the device in use for optimal appearance. On a tablet and smartphone the main navigation bar transforms into a collapsible dropdown menu (**Figure 2**) and the sidebar moves below the main content to ensure optimal readability.

3.2 Content

Home: The Home page provides a brief introduction to the SHARP project, its partners and its aims.

Project: The project section features six sub-pages, providing detailed information on the project description, workpackages, management, participants, collaborators and the external advisory board.

Publications and Presentations: This page is still under construction. Over the course of the project, science publications and presentations related to the SHARP project will be made available here.

Deliverables and Milestones: This page makes information on upcoming deadlines quickly accessible to the project participants and allows the general public to follow the progress of the project.

News: The News section functions as the project blog and will inform about the latest developments in the project.

Contact: Provides a contact form for users to directly contact the project management.

The 'Partner Login' is located on the right side of the navigation bar. It is visually separated from the rest of the pages but still quickly accessible for the project participants.

Partner Login: This section links to the restricted area for internal communications and project documentation, hosted at <https://agora.fmi.fi/display/SHARP/>.

The sidebar includes a search form and a list of the five latest entries posted in the 'News' section.

3.3 Dissemination

The web page is fully functional and open to the public since the beginning of March and has been linked in the space weather section on FMI's space science web site (space.fmi.fi). Furthermore, SHARP has been featured in a news post on space.fmi.fi on March 9th, as shown in **Figure 3** (<https://space.fmi.fi/main/space-weather/> and click on SHocks: structure, AcceleRation, dissiPation).

4. Future Development

As the project progresses, new content will be added to the 'News', 'Publication and Presentations' and 'Collaborators' sections of the SHARP project web page.

One of the main roles of the SHARP web page is hosting the shocks database created in workpackage 5. As soon as a complete version of the database exists, a user interface to search the database will be integrated into the web page. This allows users to search for specific shock parameters in the database and download a list of the corresponding shocks.

Similar to the 'News' section, a section displaying the latest tweets related to SHARP from FMI's official science twitter @Ilmatiede or

FMI's space science twitter @FMIspace could be added to the sidebar.

In the final year of the project, the web page will be used to advertise and possibly host the registration form for the summer school organised as part of workpackage 6 (deliverable D6.4).



Figure 3: Link to SHARP web page and news post about SHARP on space.fmi.fi (<https://space.fmi.fi/main/space-weather/>).