Unifying Control and Verification of Cyber-Physical Systems (UnCoVerCPS)

WP6 Dissemination and Exploitation (Task 6.1)

D6.1 Project Website

WP6	D6.1 Project Website
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Contents

1 Introduction

This deliverable documents the development of the UnCoVerCPS project website. The website (http://cps-vo.org/group/UnCoVerCPS) is hosted on the Cyber-Physical Systems Virtual Organization (CPS-VO) Portal. The CPS-VO is a broad community of interest for CPS researchers and developers, which includes institutions from both academy and industry. With the aim of supporting people working on a wide range of related disciplines with different approaches, methods, tools and experimental platforms, the portal offers the possibility to create and manage group pages. It also provides extensive support services. It is built on DRUPAL, a widely used free and open source content management system (CMS), and its current Beta version supports the following services:

- Establishing and managing groups;

- Site-wide and group-wide membership management;

- Content management (uploading documents and events);

- Creating taxonomies (site-wide and group-specific) and attributing content with taxonomic terms;

- Document repository with taxonomic search;

- Role-based access and visibility control;

- Managing encrypted documents;

- Event calendars;

- Email service;

- Forums.

The aim of the consortium is to implement an organization tool that can be easily used by all partners, and also be a public platform for the dissemination of project results and communication activities. The integration into the CPS-VO Portal offers the possibility to spare on subcontracting costs for the hosting and the maintenance of the website. This choice is also time saving, as the group page is easily updated with the help of a dedicated page administrator and without the need for a high degree of specific knowledge. A preliminary public page with the main information about the project was set up at the end of January 2015. The official launch of cps-vo.org/group/UnCoVerCPS was on March 23, 2015.

2   Structure and main features

The website consists of a public part for dissemination purposes and a portal for registered users. They will be gradually developed during the project runtime to meet the specific requirements of the current phase.

2.1   Public website

The public website provides an overview of the project. On the homepage, a news board informs about events, project's latest developments, recent forum topics and other dissemination activities.
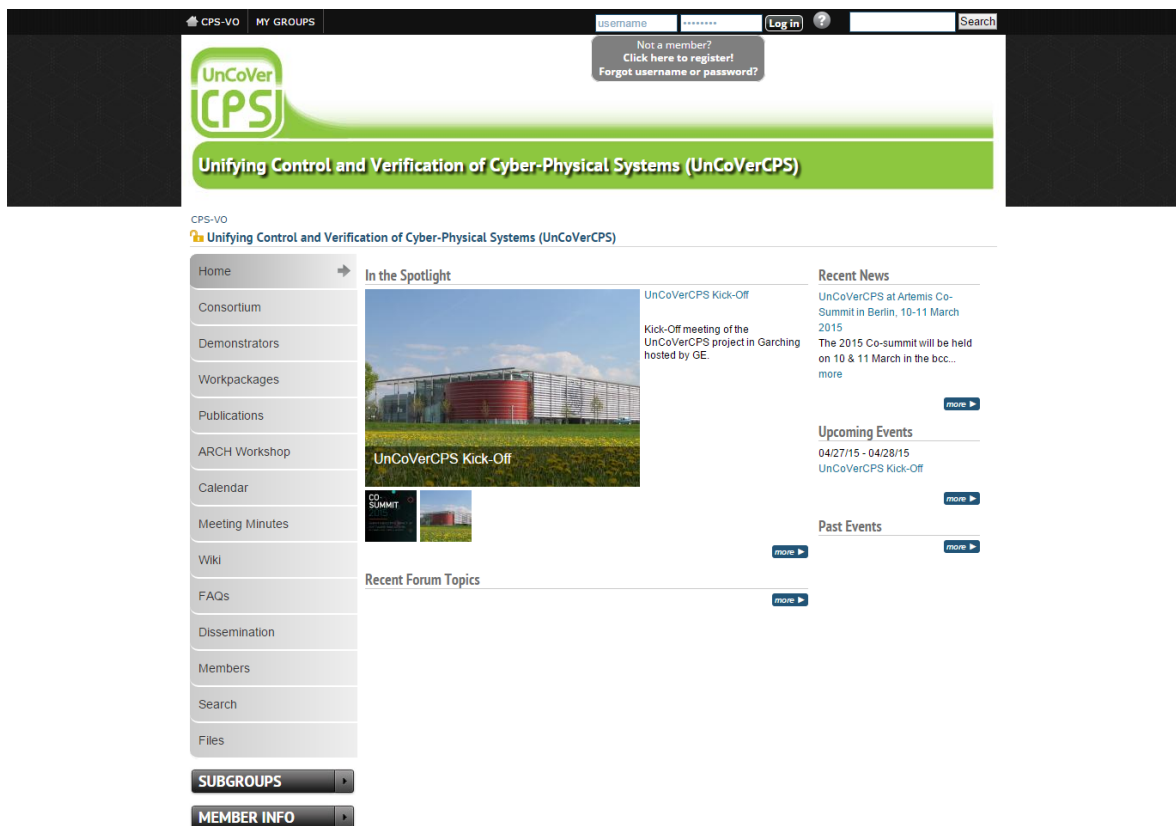

Figure 1: Homepage of cps-vo.org/group/UnCoVerCPS

Boxes on the left side of the homepage present a list of the main categories (e.g. Workpackages, Demonstrators, Forums) to facilitate and foster the interaction with public viewers. The following screenshots (Figure 2, Figure 3, Figure 4) give an impression of the website as it is at delivery date.

Figure 2: Dissemination material

2.2   Portal for registered users

The private part of the platform is aimed at facilitating a closer collaboration of all the consortium members. At delivery date, the following sections are available:

- Calendar (Figure 5): to keep all users up to date with management duties, with consortium meetings (e.g., Kick-Off Meeting, periodic consortium conference calls), and to highlight dissemination events (e.g., participation to the ARTEMIS-IA Co-Summit 2015). All events can be set both as private (for users only) or public.

- Meeting Minutes (Figure 6): to keep track of the agenda discussed during the periodic conference calls and meetings of all consortium members.

- FAQs: to gather useful information for all users.

- Files: for all partners to upload project-related material (e.g., logos, flyers, templates) to the users portal. All files can be set both as private (for registered users only) or public, and this section will be used as document repository.

Figure 3: Demonstrators section

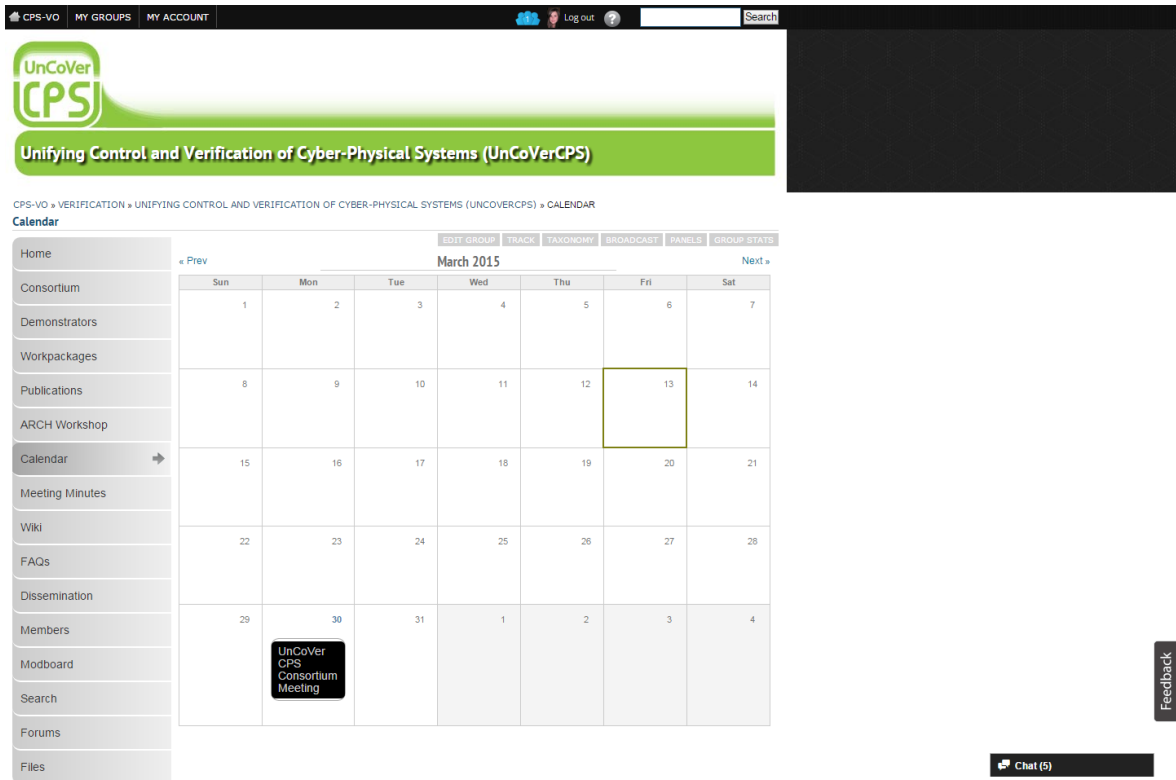

Figure 4: Workpackages description
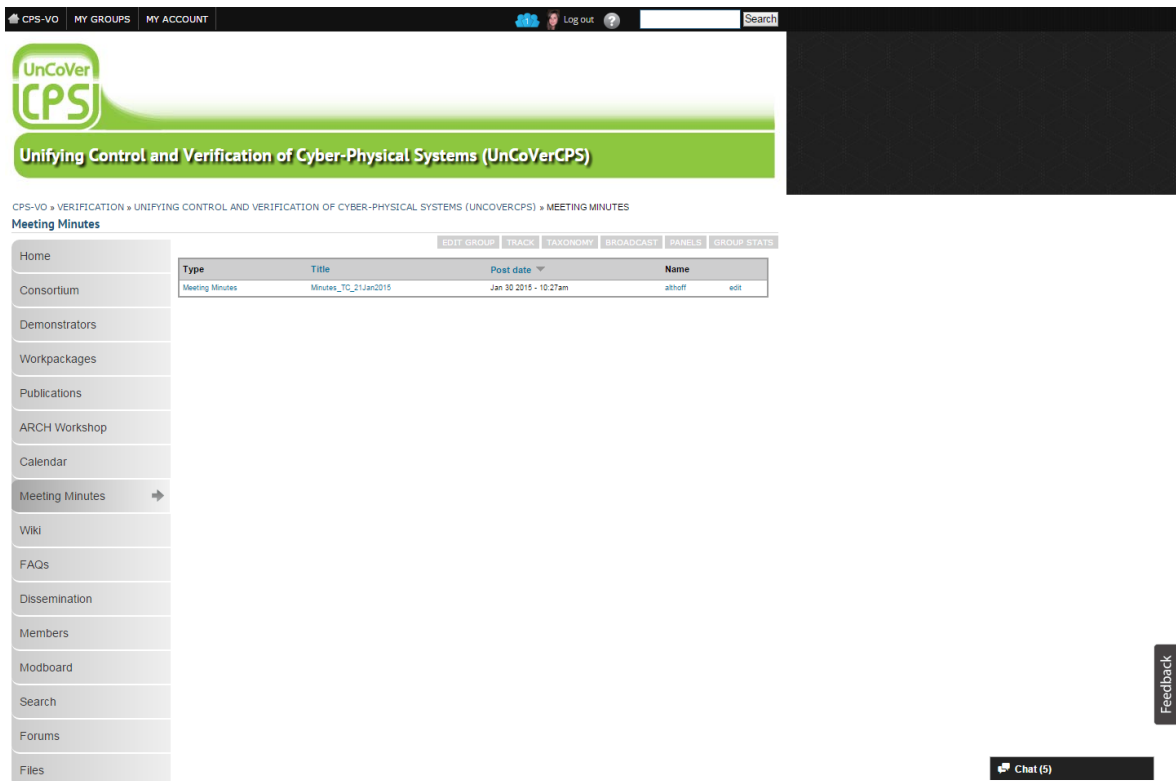
Figure 5: Event calendar

Figure 6: Files repository: meeting minutes

3   Conclusions and future developments

The UnCoVerCPS project website will be periodically updated on the latest achievements. The chosen method is that of 'efficient' reporting, favoring the use of videos, pictures and simulations, in combination with explanatory text.

Moreover, the consortium foresees the implementation of a new section where the partners can publish the current opportunities for collaboration, such as internships for students interested in the project.

On the forum there will be space to confront and share ideas with the users accessing the portal. With the aim of fostering external collaboration, a dedicated topic will be opened to discuss the project improvements and to gather new inputs.