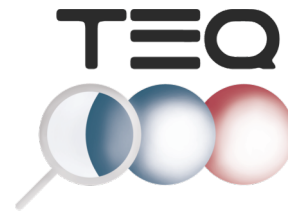




Horizon 2020
European Union funding
for Research & Innovation



DELIVERABLE 5.1

Website

<i>Grant agreement n°:</i>	766900
<i>Project acronym:</i>	TEQ
<i>Project title:</i>	Testing the Large Scale limit of Quantum Mechanics
<i>Funding scheme:</i>	FET-OPEN
<i>Start date of project:</i>	01 January 2018
<i>Duration:</i>	48 months
<i>Due date of the Deliverable</i>	28.02.2018
<i>Deliverable issued:</i>	01.02.2018
<i>Dissemination Level</i>	Public
<i>Version:</i>	1.0

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INTRODUCTION

As part of the dissemination plan of TEQ, the Consortium will set up a project website using a .eu domain. From the GA: “It will contain the list of scientific papers related to TEQ, and the list of events [...] will host public sections whose aims will be to raise the general awareness of the project and disseminate results, but will also include a private one accessible only to the Consortium’s members for discussions, data collection and distribution of the progress reports and slides of the seminars and lectures delivered by the Consortium’s members [...] The relevant documents produced as a result of the meetings (minutes and draft reports) will be made available to the project partners through the TEQ website”.

OBJECTIVES

Setting and maintenance of the TEQ website.
Design of the TEQ logo.

ACHIEVEMENTS

1. Website

The domain www.tequantum.eu has been reserved and it will host permanently the Consortium website, starting from January 2018. The website is hosted at the servers of INFN in Padriciano (Trieste, ITALY).

Dr. Matteo Carlesso has been appointed as webmaster, and he will be assisted and supervised by Prof. Angelo Bassi, who is the coordinator of the Consortium. The website has been developed in Drupal 7, which is stable, simply customizable and already supported by the hosting servers.

The internal structure of the website is divided in two sections: a Public and a Private one. The Public section, directly accessible via www.tequantum.eu, has been structured in 9 pages, according to the following table:

1. Home
2. News
3. Activities
4. Research
5. Partners
6. Publications
7. Dissemination
8. Contact
9. Members Area

In what follows, the actual content and the specifications of the website will be described in some details on a page-by-page basis.

- **Home:** This page presents a short description of the nature of the Consortium project, the latest News and Activities, and the latest Seminars, Conferences and Poster presentations related to the Consortium work. The [Home](#) page is divided in three parts.

- The upper part hosts the Consortium Logo and name, followed by the Main Menu from which the 9 above listed pages can be reached. These are present in all pages of the website. Following, the list of the logos of the institutions involved in the Consortium and a short description of the aim of the project are reported to underline the extent of the project and highlight its purpose. **Figure 1** provides a screenshot of the upper part of the [Home](#) page.

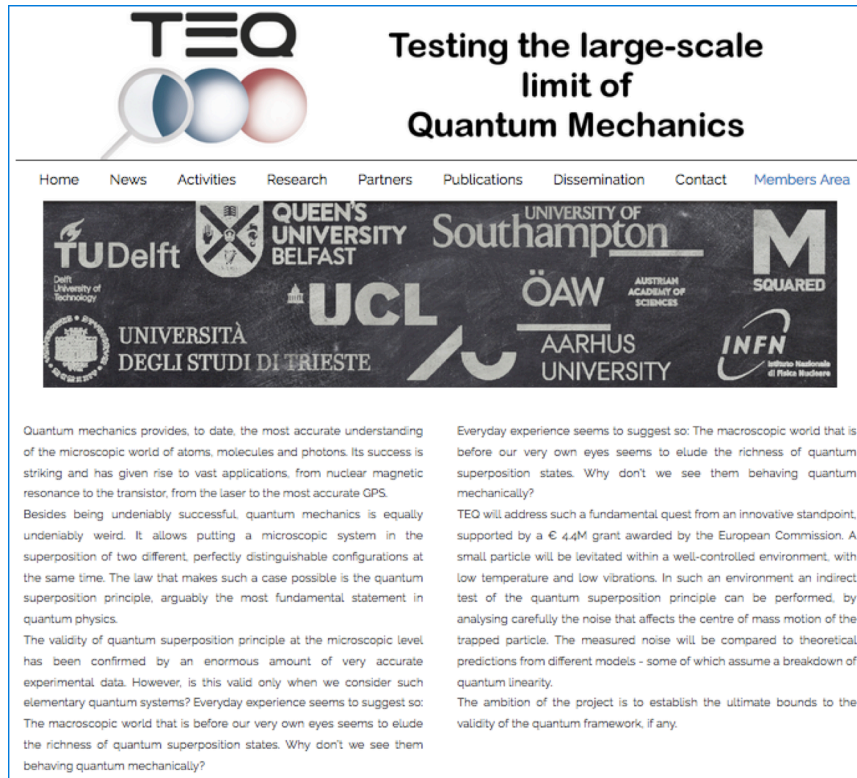


Figure 1: Screenshot of the upper part of the [Home](#) page of the Consortium website.

- The middle part of the [Home](#) page is focused on the Dissemination activity. It contains two areas where, respectively, the latest (i) News and Activities and (ii) Seminars, Conferences and Poster presentations will be reported. Every item in these two areas will appear with its date, title, and a summary or trim of the description of the dissemination activity. **Figure 2** provides a screenshot of the middle part of the [Home](#) page.

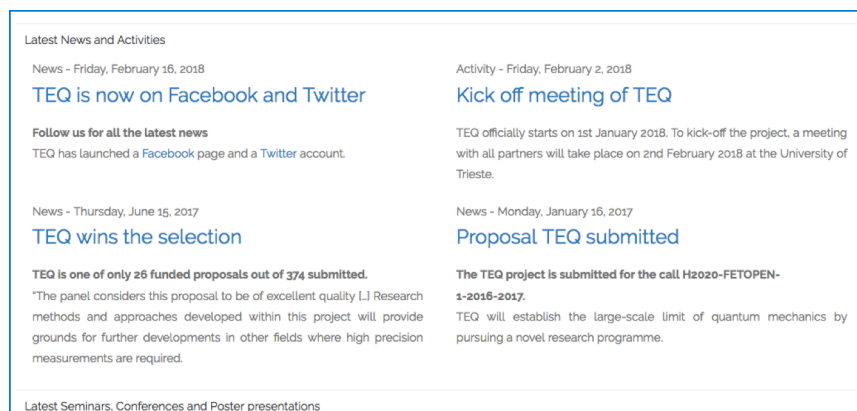


Figure 2: Screenshot of the middle part of the [Home](#) page of the Consortium website. Notice that the second area (“Latest Seminars, Conferences and Poster presentations”) has been not yet populated.

- The lower part of the [Home](#) page contains the links to the [Contact](#) page, to the Terms of Privacy, to the Terms of use of cookies, to the Facebook and Twitter TEQ pages. Moreover, it provides the Acknowledgements to INFN for hosting the website; the Consortium funding information and the EU logo. **Figure 3** provides a screenshot of the lower part of the [Home](#) page.



Figure 3: Screenshot of the lower part of the [Home](#) page.

- At the very bottom of the page the cookies law pop-up banner appears. **Figure 4** provides a screenshot of it.

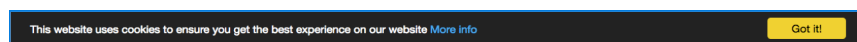


Figure 4: Screenshot of the cookies law pop-up banner.

- **News:** The [News](#) page reports the news about the Consortium. It will be regularly updated under the solicitations of the coordinator of the Consortium and of its partners. Every news item is presented with its date, title, subtitle and the trim of its description. It will be regularly updated by the Administrative Officer and by the Social Media Manager. **Figure 5** provides a screenshot of the structure of the [News](#) page.

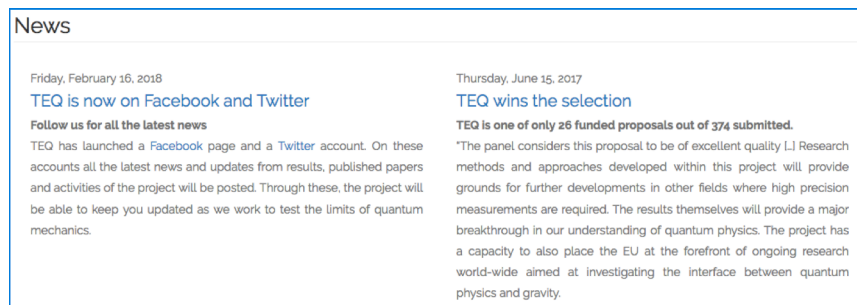


Figure 5: Screenshot of the [News](#) page.

- **Activities:** The [Activities](#) page reports the activities of the Consortium, such as meetings or workshops. It will be regularly updated under the solicitations of the coordinator of the Consortium. Every activity is presented with its date, title and the trim of its description. **Figure 6** provides a screenshot of the [Activities](#) page.

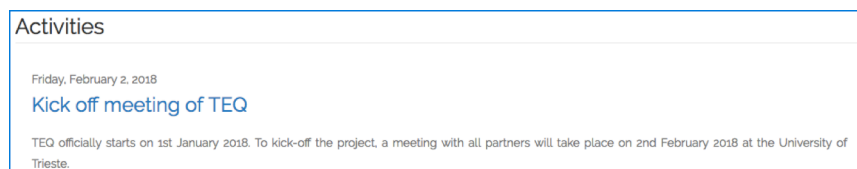


Figure 6: Screenshot of the [Activities](#) page.

- **Research:** The [Research](#) page collects the six Working Packages in which the Consortium project is divided in. Every Working Package is presented with a title, the name and institution of its coordinator and a brief description of its main deliverables. **Figure 7** provides a screenshot of the [Research](#) page.

Working Packages	
<p>WP1: Trapping Coordinator: M. Drewsen - AU</p> <p>Construction of a low noise trap for NCs with properties suitable for a cryogenic environment; Synthesis of NCs with tailored properties; Robust loading of multiply charged NCs into the trap; Quantification of heating sources and their effects on the trapped NCs.</p>	<p>WP2: Cooling Coordinator: P. Barker - UCL</p> <p>Development of low noise trap, detection and feedback electronics; Determination of optimal detection and cooling strategies for trapped charged NCs; Cooling of internal states of a trapped NC; Understanding and control of sources of decoherence.</p>
<p>WP3: Testing Coordinator: H. Ulbricht - UoS</p> <p>Development of a low noise environment for the low noise NC trap with optical cooling in dilution fridge; Tests of CSL noise effects on the motion of trapped NC; Adapting the theory to experimental parameters to optimise the test of the quantum superposition principle.</p>	<p>WP4: Enabling Coordinator: M. Paternostro - QUB</p> <p>Set-up of a theoretical framework for the test of quantum mechanics at the mesoscopic level; Design of experimental tests able to refine the framework of collapse models; Investigation of macro-realism at the mesoscopic level through the experiments at the core of TEQ.</p>
<p>WP5: Management Coordinator: A. Bassi - UniTs</p> <p>Coordination of the project, for the achievement of the objectives.</p>	<p>WP6: Dissemination Coordinator: A. Bassi - UniTs</p> <p>Implementation of targeted dissemination and communication activities.</p>

Figure 7: Screenshot of the [Research](#) page.

- **Partners:** The [Partners](#) page collects the 9 TEQ's Partners. The list of names and photos of members belonging to each Partner is provided. Every Partner has a Local PI, whose website is highlighted. **Figure 8** reports the UniTs Partner as an example of the structure of the [Partners](#) page.





Partners	
UniTs - University of Trieste	
	Angelo Bassi PI Website
	Matteo Carlesso
	Giulio Gasbarri
	Caitlin Jones

Figure 8: Screenshot of part of the [Partners](#) page.

- **Publications:** The [Publications](#) page will collect the list of all the publications produced as result of the Consortium's work. For each publication, the title will be provided, as well as the list of authors, the abstract, the bibliographic information, the link to the on-line repository of the published work, and, if accessible, the preprint of the published work. It will be regularly updated by the Administrative Officer and by the Publication & Dissemination Manager. Since no publication has been published so far, we do not report a screenshot of the [Publications](#) page.
- **Dissemination:** The [Dissemination](#) page collects the dissemination activities, media coverage, press releases and dissemination articles produced by the Consortium. The structure of the page is divided by years (from 2017 on). It will be regularly updated by the Administrative Officer and by the Publication & Dissemination Manager. **Figure 9** reports a screenshot of the structure of the [Dissemination](#) page.



Figure 9: Screenshot of the [Dissemination](#) page.

- **Contact:** The [Contact](#) page provides the contact information for the Consortium.
- **Members Area:** The [Members Area](#) page gives access to the restricted-access (or private) area of the website. Only the Partners members, the Administrative Officer and the Webmaster are granted access to its content via entering the given credentials (*Username* and *Password*). Once logged-in, a new link [Documents](#) appears in the bottom-left footer, which grants access to the Consortium documents. These are divided according to the Activity they are related to. The [Documents](#) page will be regularly updated by the Coordinator and Administrative Officer of the Consortium. **Figure 10** and **Figure 11** report the screenshots of the structure of the [Members Area](#) and [Documents](#) page.

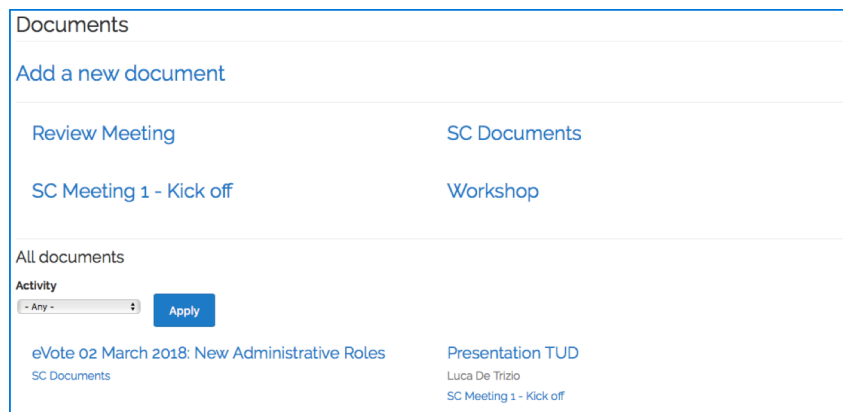


Figure 10: Screenshot of part of the [Documents](#) page.

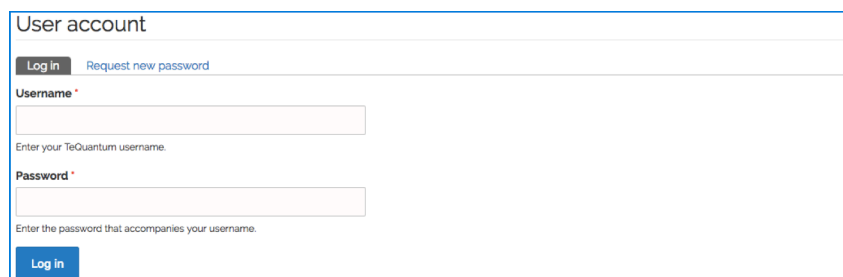


Figure 9: Screenshot of the [Members Area](#) page.

2. Logo

The Logo of the Consortium has been prepared by taking as draft the sketch already presented on the cover page of the TEQ proposal. The logo represents a superposition, model as a red and a blue sphere, which is measured by a magnifying glass. Above the illustration, the Consortium's acronym is reported.

ISSUES MET AND SOLUTIONS

No issue was met in the achievement of this deliverable.

CONCLUSION

The TEQ logo is defined, and is used in all main documents and main dissemination activities. The TEQ website has been set up and is fully operative, providing key information about TEQ, its structure, achievements, potential impact, related events. Moreover, the website is used as a useful repository for sensitive documentation linked to the management of the project.