

CalCARE

User Manual of CalCARE

Software Engineering 2

A.A. 2014/2015

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1 System Description

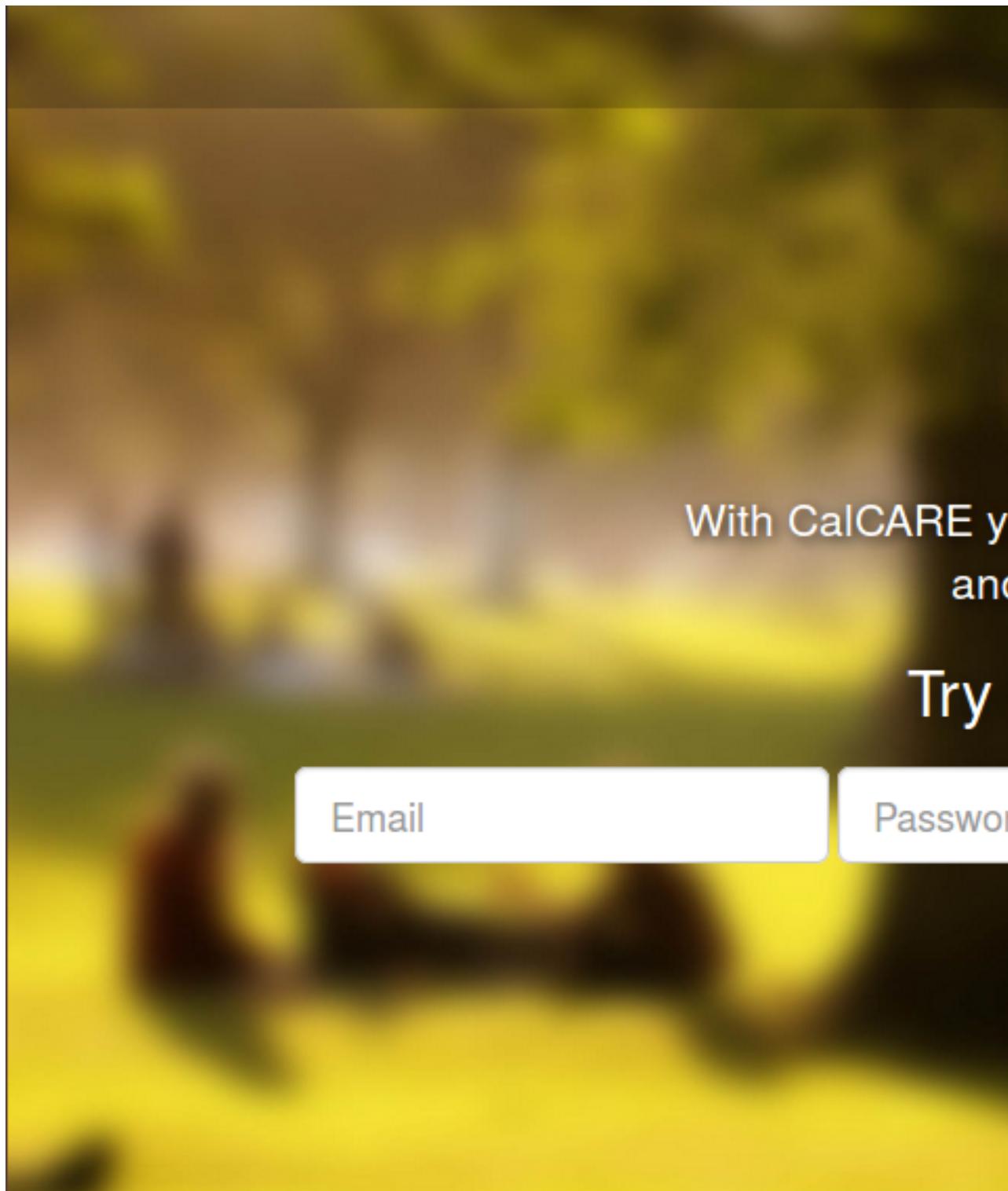
CalCARE is a web based platform, so anyone who wants to interact with the system need to have a fully functional internet connection. For the actual browsing we suggest the use of Mozilla Firefox 34.0 or newer.

The url to access the service is *http://server:port/meteocal-fgg* where *server:port* is usually *localhost:8080*.

To interact with the system are required keyboard and mouse only. In fact the interaction will take place through buttons and input forms.

2 Registration

From the CalCARE homepage is possible to perform three main operations: Register, Login and Reset Password.



3
Figure 1: CalCARE homepage

2.1 Registration

The registration form is placed directly in the homepage. The new user to successfully register into CalCARE has to insert a valid email address –in which she will receive the confirmation link and the notifications from the system– a password, and provide some additional informations.

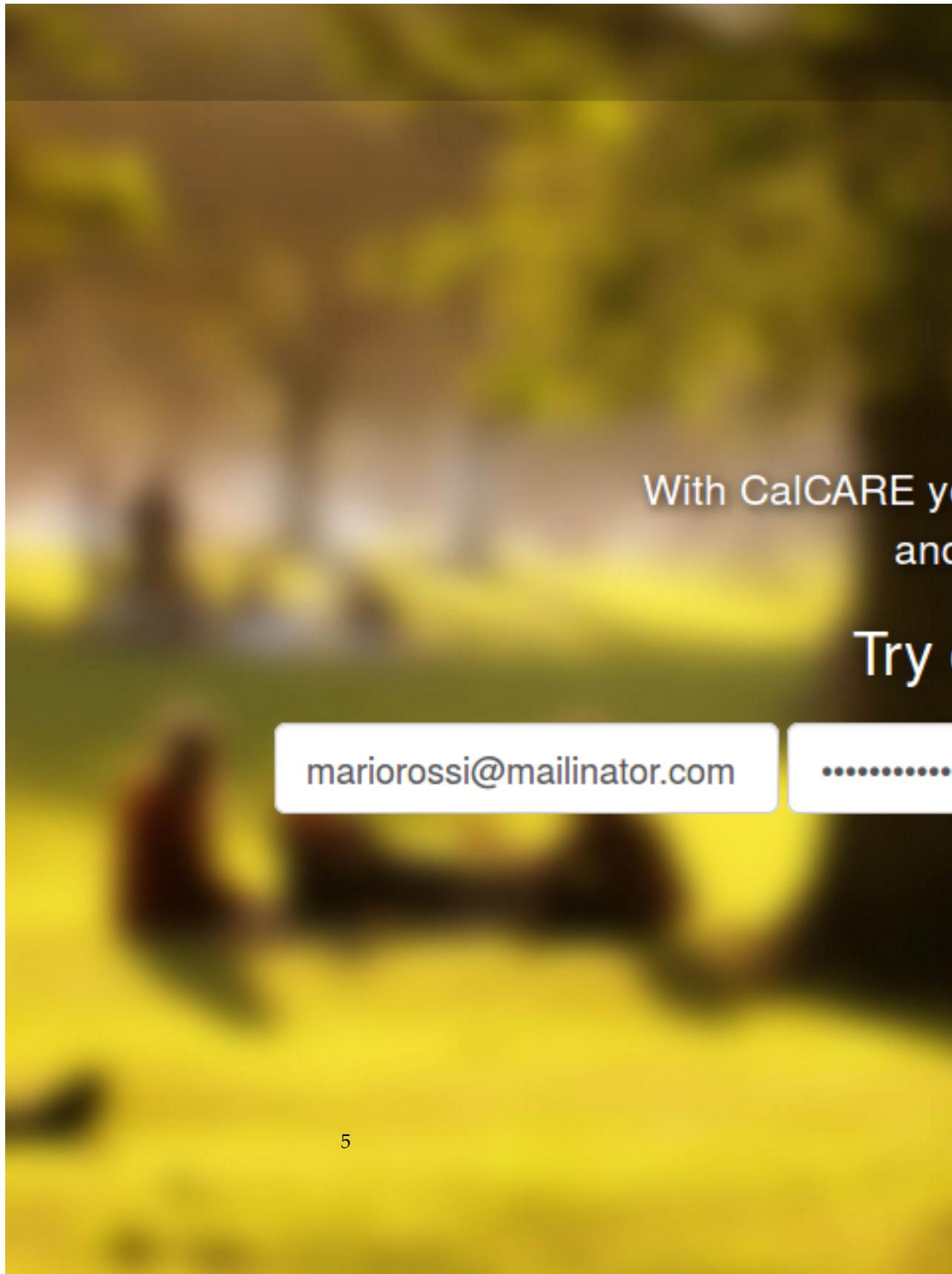


Figure 2: CalCARE Registration

After entering all the required information the user should click on the “**Signup**” button. An email will be sent to the user with a welcome message followed by the confirmation link, which she must click in order to activate the brand new account.

[← Back to Inbox](#)

To: mariorossi
From: noreply.calcare@gmail.com
Subject: Registration to CalCARE
Received: Sun Jan 25 2015 10:38:12 GMT+0100 (CET)

 Original

 Forward

 Del

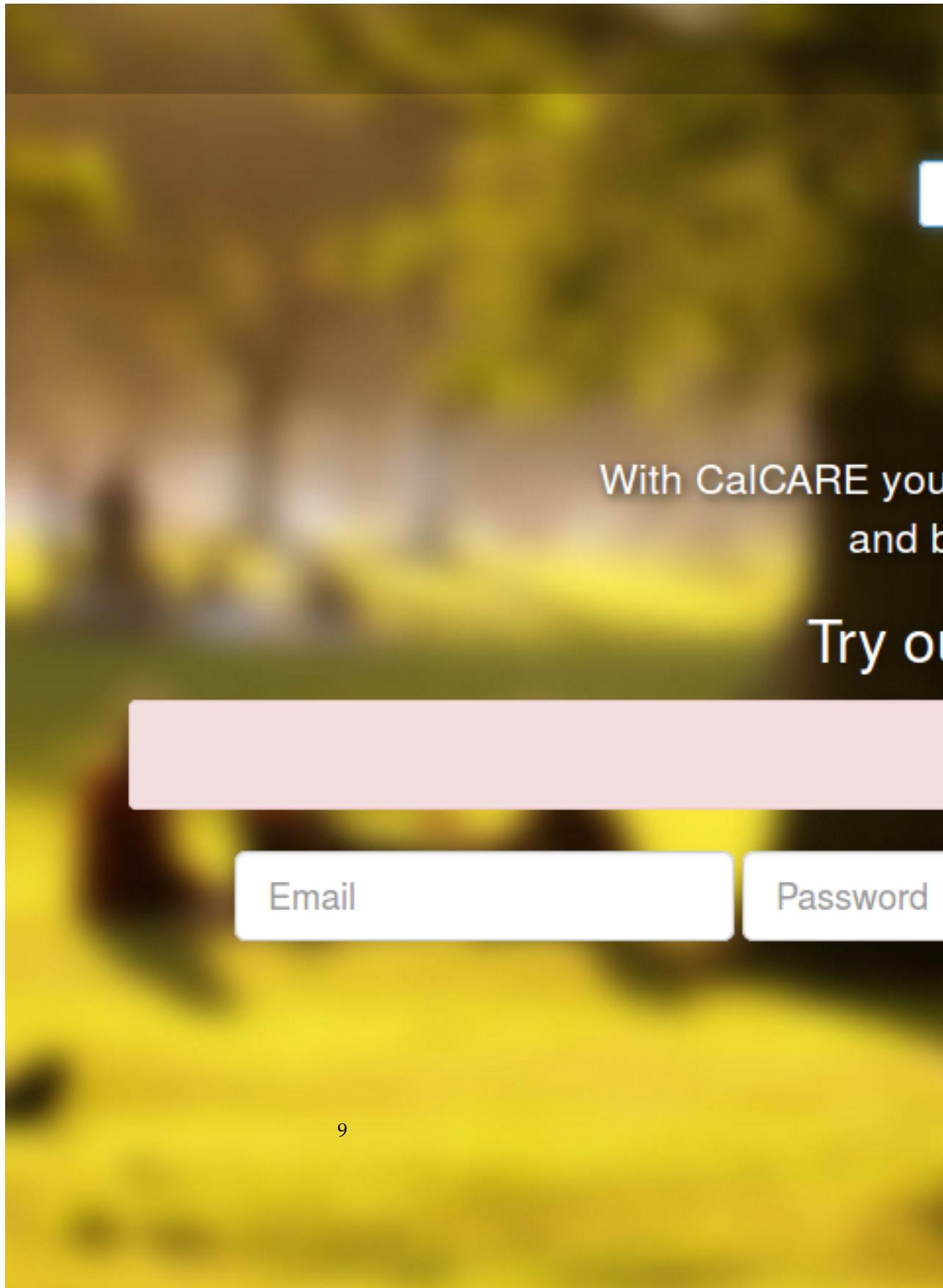
Figure 3: CalCARE registration

Clicking on the mentioned link will redirect the user back to the CalCARE homepage.

2.2 Password Recovery

In case of forgotten password it is possible to request a password change. By clicking on **Lost your password?** in the homepage the user can reset her own password. A link will be provided to the user with an email with instructions about how to reset the password.

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2.3 Log In

The login form is located in the top-right part of the homepage. Here the user can insert the user data to log into the system.

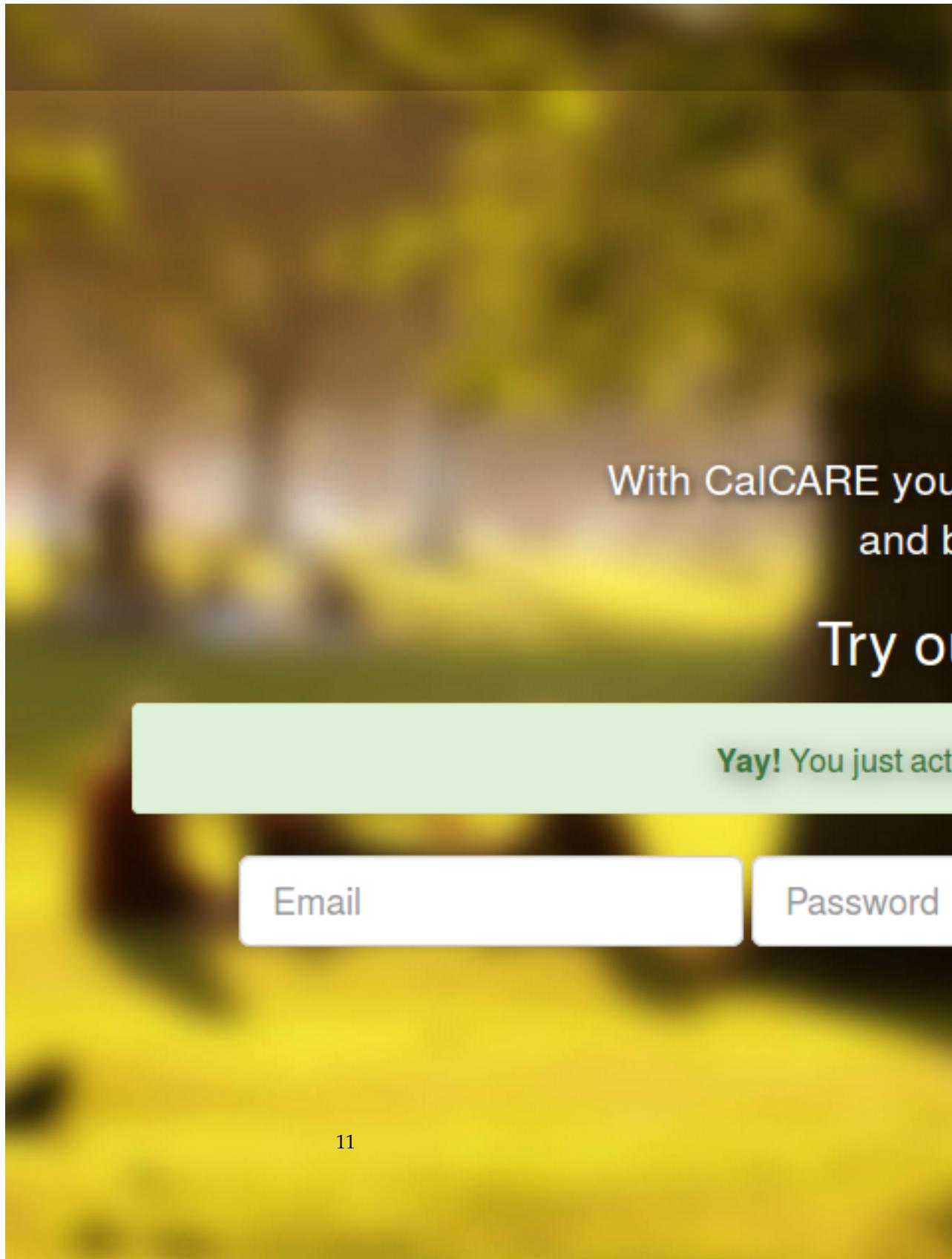


Figure 5: CalCARE Login

3 User functionality

After a uccessful login the user is automatically redirected to her personal calendar:

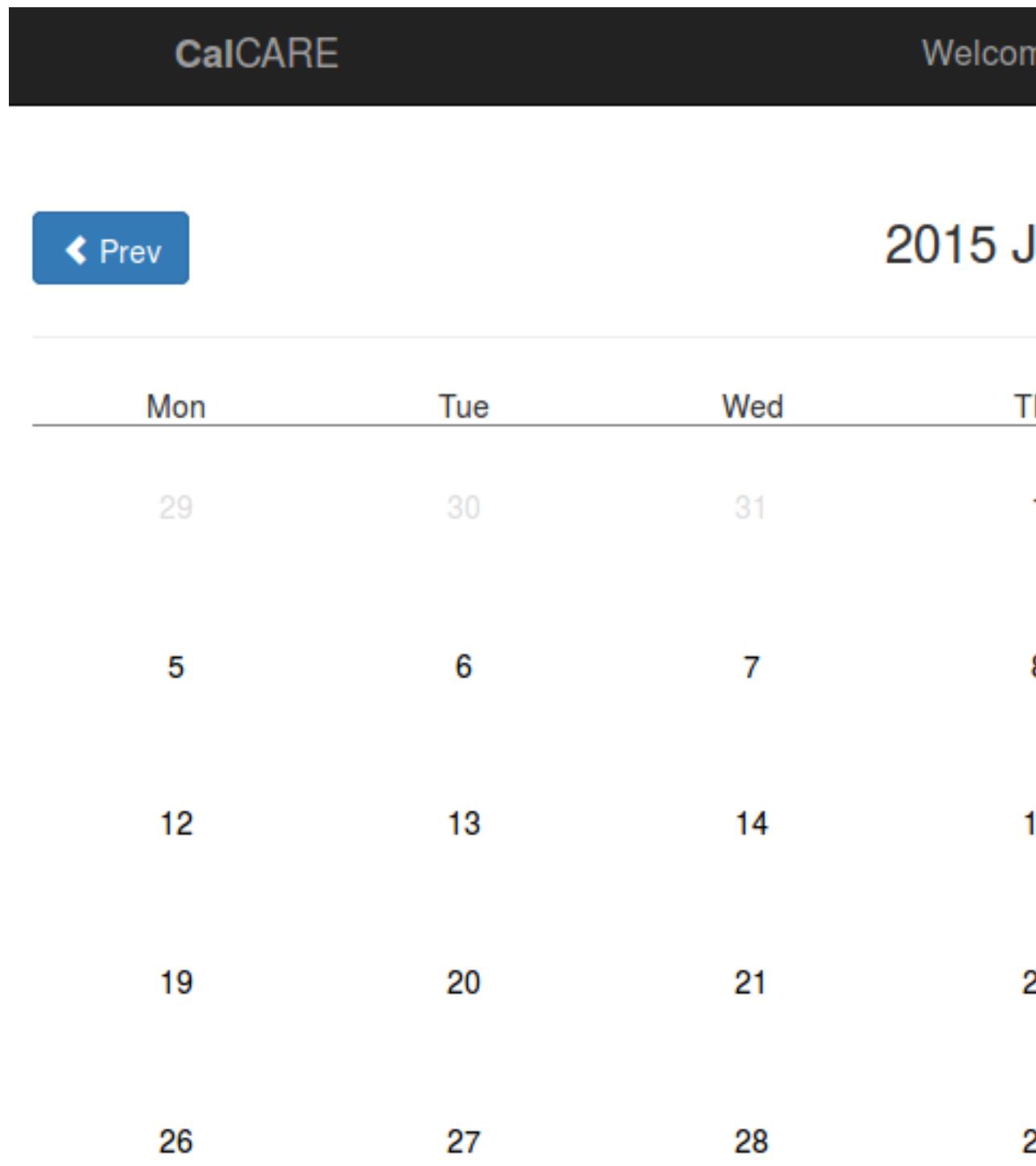


Figure 6: Personal Calendar ¹³

From there most of the possible actions for a user could be made: Create a *New Event*, access and edit personal *Settings*, *Logout* from the system, and more...

3.1 HomePage

Anytime by clicking on **Welcome, <username>** it is possible to return to the user personal page. This is useful when browsing other user's calendar to quickly come back to our own calendar.

3.2 Logout

Logout functionality, especially useful if the pc from which the browsing is done is a public one.

3.3 Search for User Email

On the top-right part of the user homepage there is a search bar. Starting typing an email address triggers the Instant Search: it is then shown, in real time, a result list of emails that match the searched string. From there, selecting a particular user, it is possible to see her calendar.

CalCARE

Welcome

Search results:

Valeria Folliero valerianafolliero@ma

Jolanda Barese jolandabarese@ma

Cornelio Manfrin corneliomanfrin@ma

Caio Lombardi caiolombardi@ma

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Figure 7: User Search

3.4 Settings

Hitting the **Settings** button in the homepage toggle the *Edit Settings View*, from which the user can change some personal details, can import and export her own calendar and decide to make it public or private.

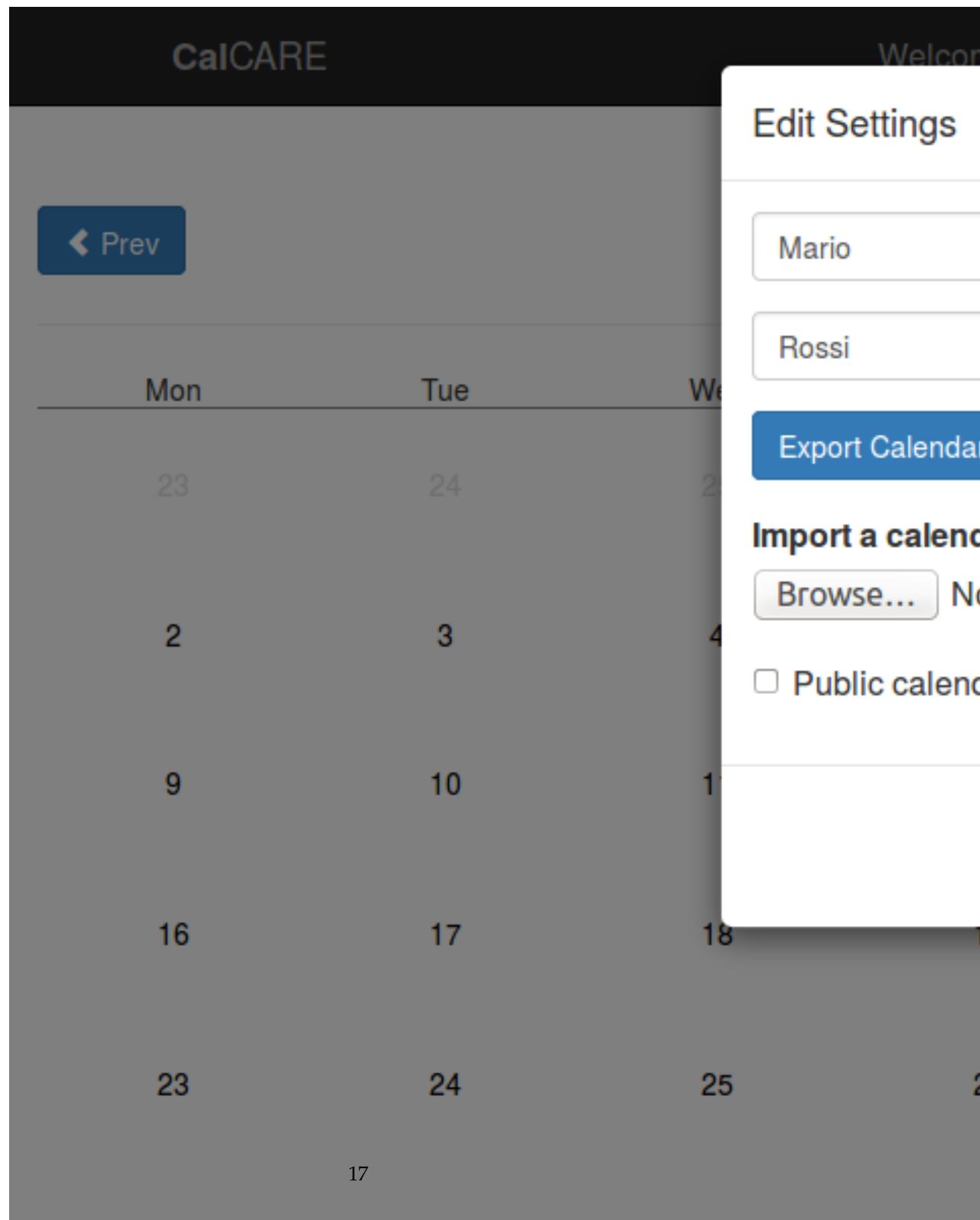


Figure 8: Personal Settings

The **Export Calendar** button will trigger the download of a copy of user's own calendar, properly encrypted to avoid bad data forgery by evil users, that the user can keep to restore his personal data.

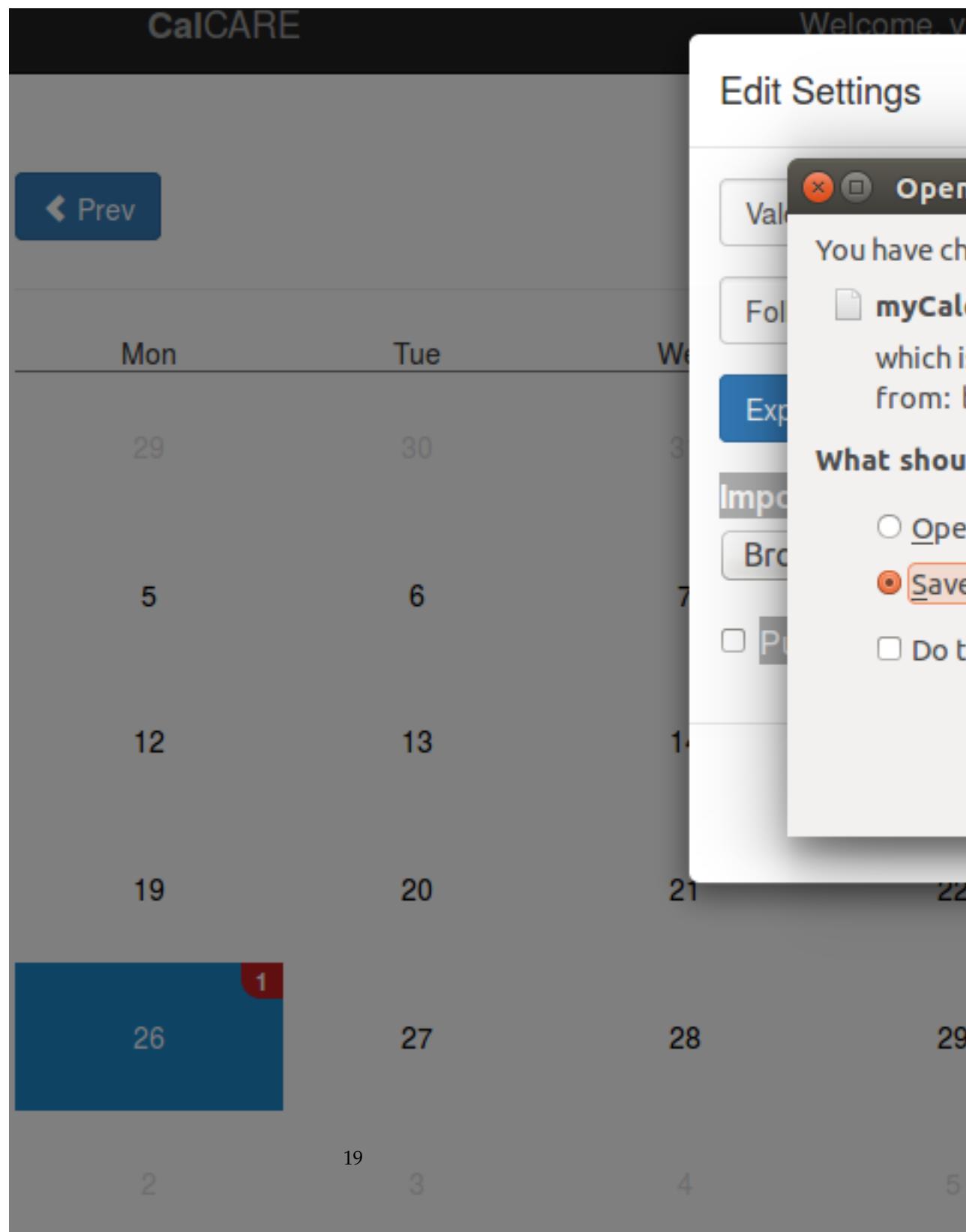


Figure 9: Export

3.5 New Event

Clicking on the blue button **New event** the event creation form is displayed, in which the user has to provide all the needed informations about the new event she wants to create: Name, Location, Dates, Invited People, a Description, and the Outdoor and the Public flags.

When all the required fields are filled, by clicking the **Create** button the system will proceed to add the event to the Database and after a brief wait, if there are no errors, the personal calendar with the updated information is shown to the user, including the brand new event.

The image shows a calendar application interface. At the top, there's a header with the text "CalCARE" and "Welcome". Below the header is a navigation bar with a "Prev" button. The main area displays a monthly calendar grid for September. The days of the week are labeled "Mon", "Tue", "Wed", "Thu", "Fri", "Sat", and "Sun". Specific dates are highlighted in blue: 5, 12, 19, 26, and 2. Other dates are shown in grey. In the bottom right corner of the calendar grid, there's a small red circular icon with a white question mark. To the right of the calendar, a modal window titled "New Event" is displayed. It contains fields for "Event name" (with placeholder text "Event name"), "Description" (placeholder "Description"), and checkboxes for "Outdoor" and "Indoor". Below these fields are sections for "From:" (placeholder "Choose a begin date") and "Where?" (placeholder "Where?"). At the bottom of the modal is a large red button labeled "Create".

CalCARE

Welcome

New Event

Event name

Description

Outdoor Indoor

From:

Choose a begin date

Where?

Invited people:

Search for users

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Invited people will be notified about the invitation and will have the possibility to choose between Accept, Decline or leave the invitation in a pending state.

CaLCARE

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4 Calendar Management

4.1 Edit an Event

It's possible to edit or delete an event by clicking on the corresponding day on the calendar and selecting the event that is going to be edited, then select the proper button to edit the event or to delete it.

If the owner chooses to edit the event the Event Edit View is displayed, pre-compiled with all the event information. After the changes, if the user presses on the Save button, the event is saved.

The calendar shows the following week:

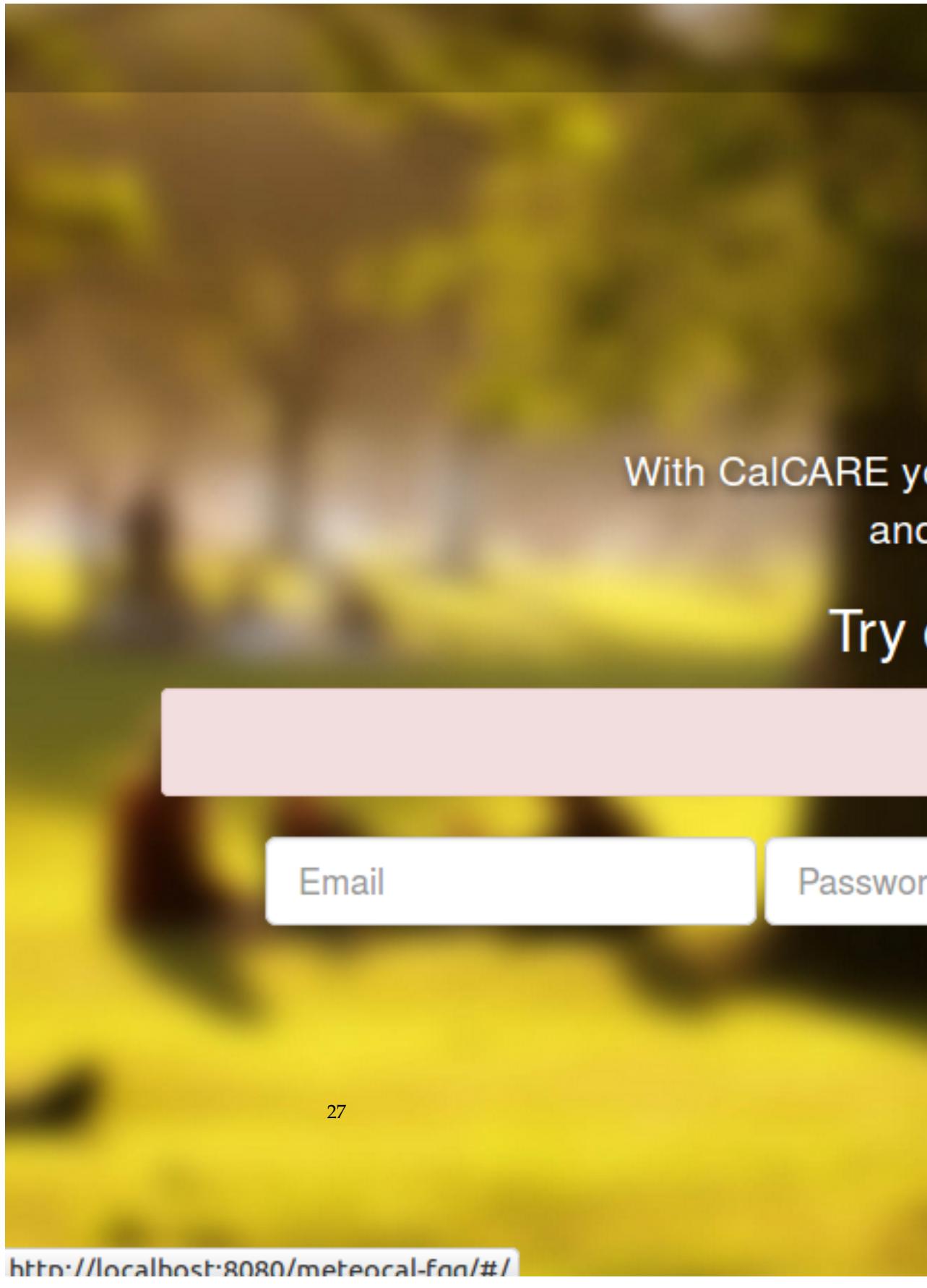
Mon	Tue	Wed	Thu	Fri	Sat	Sun
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	1

A modal window is displayed on the right, containing the following information:

- Event: Training**
- Creator: Oliviero**
- Description: Help with exercises.**
- From: January 26th**
- To: January 26th**
- Where Largo Ma**
- Outdoor Private**
- Weather: clear s**
- Invited people:** (List of names)

5 Errors

If the user enters some wrong information or tries to do some unauthorized actions she will be denied the access to the service and an error message will be displayed, showing the error reason.



6 Known Bugs

In this section are explained the known bugs of the application that –for various reason– were not fixed in time for the first release of the application

- If the user schedules an event for some days, and 3 days before the system detects that there is more than one day that has a bad weather, the user is notified with more than one email.
- The notifications for the weather changes do not work very well, as sometimes they aren't detected by the system.
- When an user display an invite for an event it may happen that the dates are not displayed in the invitation but the event is still visible in the calendar.