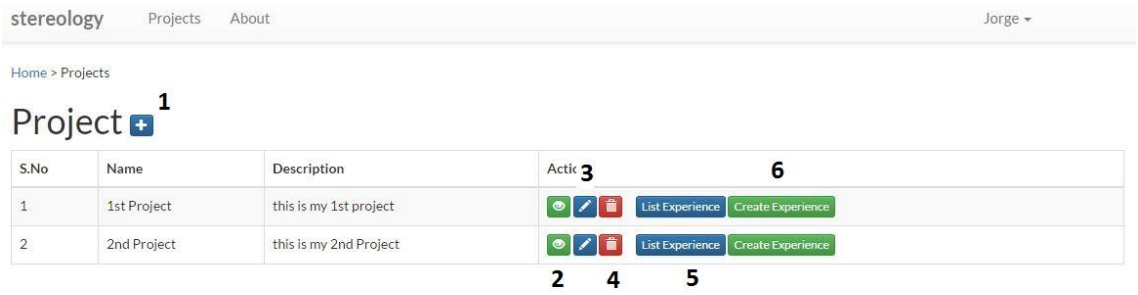
User's Manual

Project



1- Create new project

2- View the project information

3- Edit the project information

4- Delete the project

5- List the experiences from the project

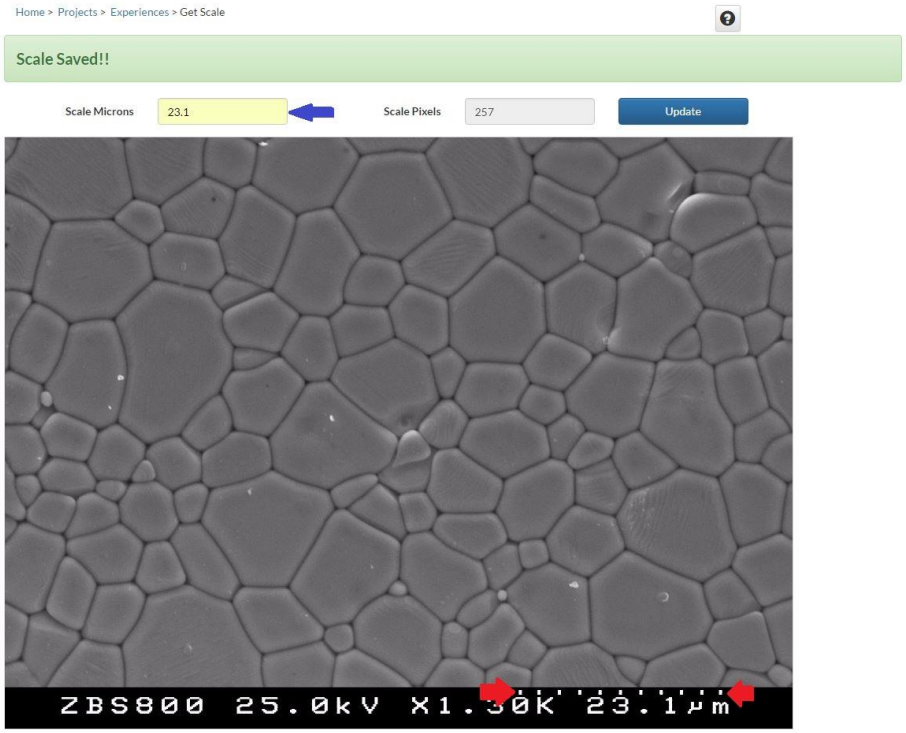
6- Create a new experience

Creating a new Experience

Step 1 – name the experience

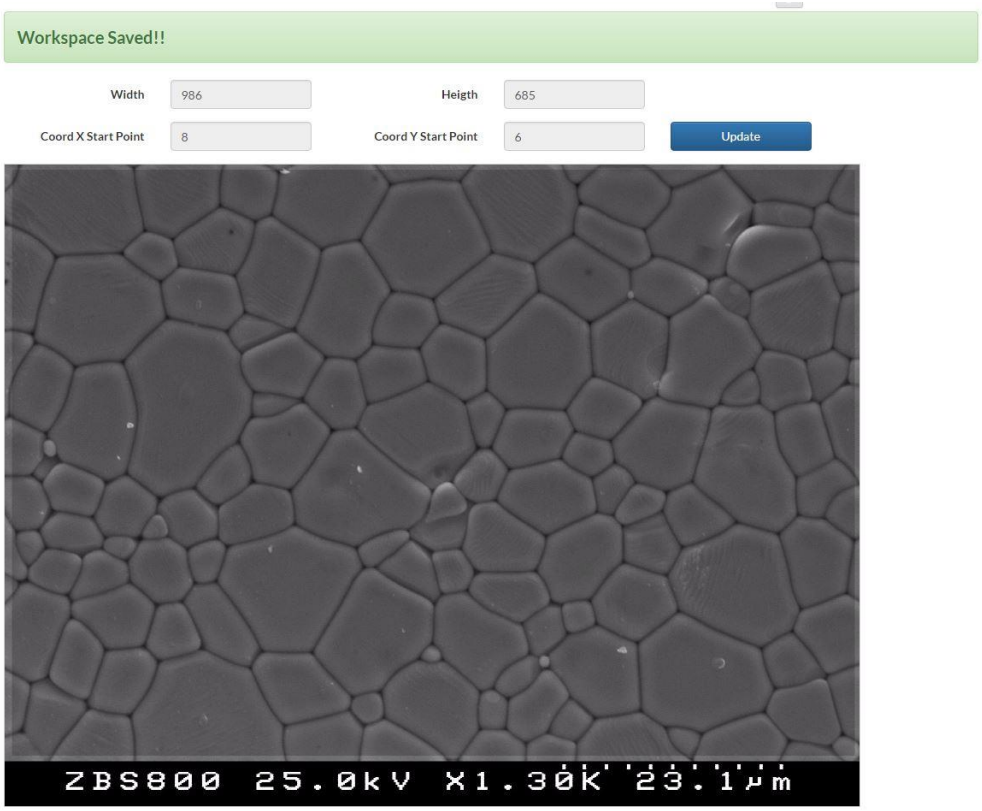
Step 2 – Upload a Image (.jpg)

Step 3 – Select the Scale



Click the two extremities of the scale from the image and fill the form with the value in micrometers.

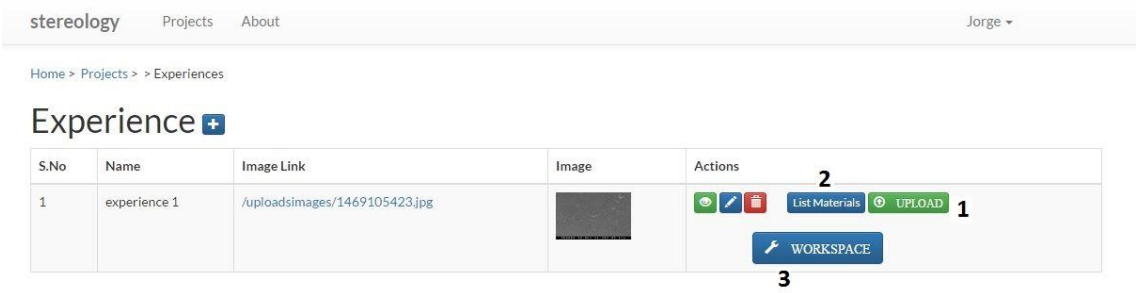
Step 4 – Select a workspace



Click the two opposing extremities from the area to define the workspace

Step 5 – Create a Material

Experience

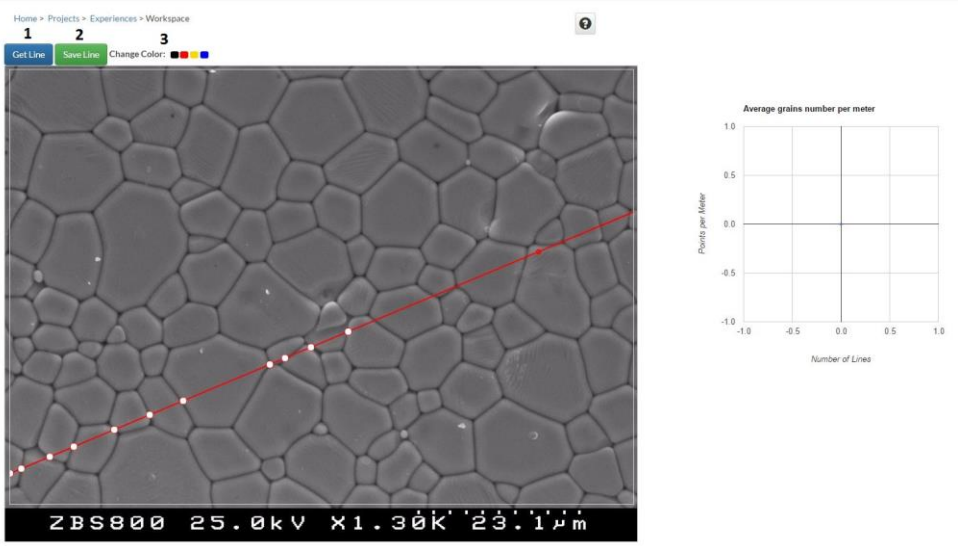


1- Upload image

2- List materials

3- Workspace

Analysis



1- Generate a random line and draws it on the workspace

2- Saves the line, points and segments in the data base

3- Change the color of the line

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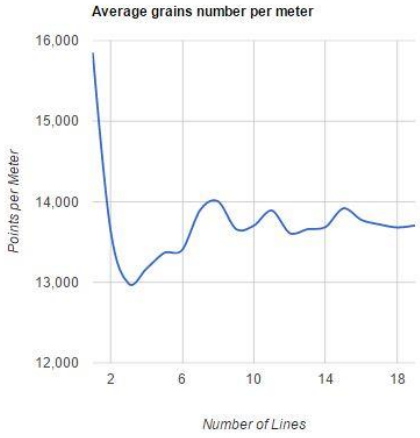
Analysis procedure

1- Generate line

2- Click on every grain border, along the line, from one extremity to the other.

3- Save the line.

4- Repeat the steps 1 to 3 until the value of Points per Meter on the chart doesn't change much, every time a new line is saved.



5- Data Analysis show us a report of the data produced.

6- And them the data can be exported to as Excel File.