








## User's Manual

### Project

stereology	Projects	About	Jorge ▾
Home > Projects			
Project <sup>1</sup> 			
S.No	Name	Description	Action <sup>3</sup> <sup>6</sup>
1	1st Project	this is my 1st project	   <a href="#">List Experience</a> <a href="#">Create Experience</a>
2	2nd Project	this is my 2nd Project	   <a href="#">List Experience</a> <a href="#">Create Experience</a>

2 4 5

- 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

#### Create New Experience

Name	<input type="text" value="experience 1"/>
<input type="button" value="Create"/>	

Step 2 – Upload a Image (.jpg)

## Upload Image to Experience : experience 1

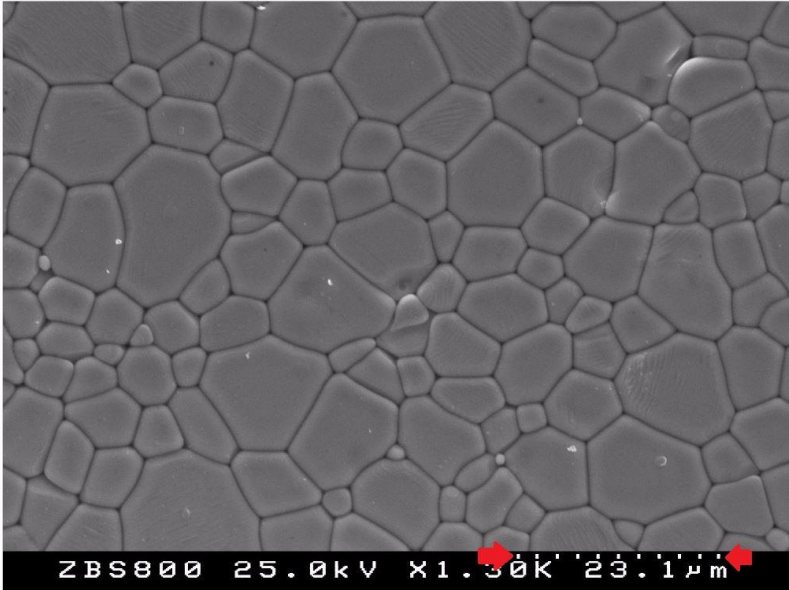
<input type="button" value="Escolher ficheiro"/>	Nenhum ficheiro selecionado
<input type="button" value="Submit"/>	

### Step 3 – Select the Scale

Home > Projects > Experiences > Get Scale

Scale Saved!!

Scale Microns  ← Scale Pixels



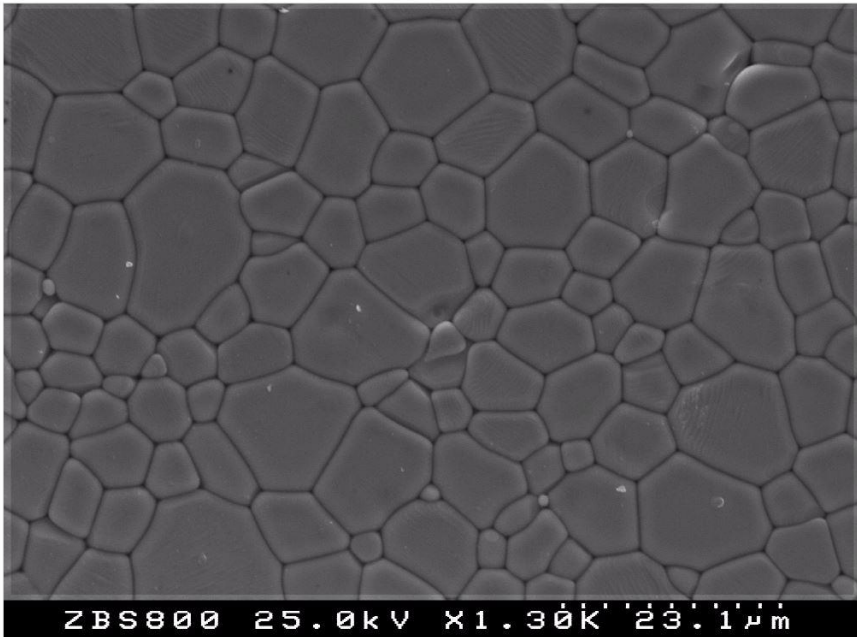
Click the two extremities of the scale from the image and fill the form with the value in micrometers.

### Step 4 – Select a workspace

Workspace Saved!!

Width  Height

Coord X Start Point  Coord Y Start Point



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

Step 5 – Create a Material  
Create New Material

Name

material 01

Create

Experience

stereology


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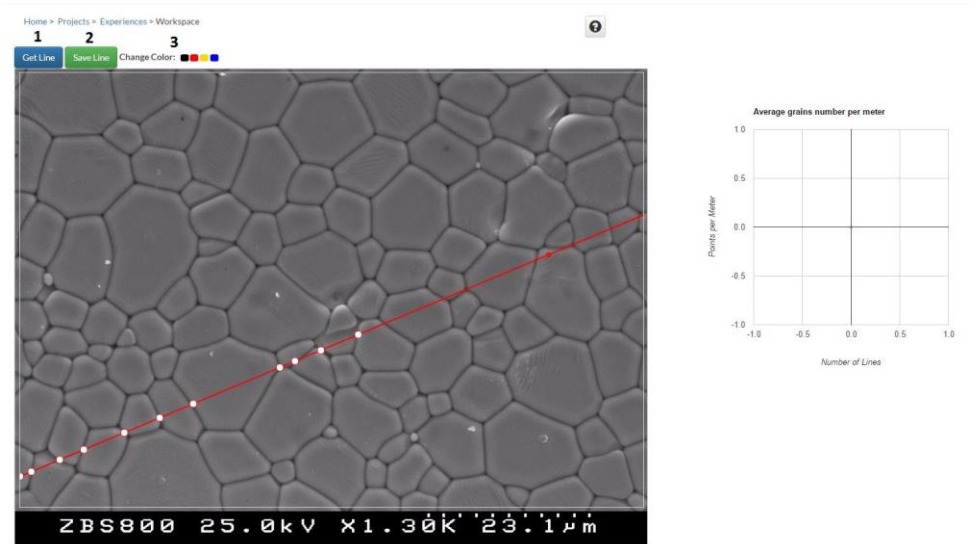
Home > Projects > > Experiences

Experience

S.No	Name	Image Link	Image	Actions
1	experience 1	/uploadsimages/1469105423.jpg		<div><div>2</div><div>List Materials</div><div>1</div><div>UPLOAD</div><div>3</div><div>WORKSPACE</div></div>

- 1- Upload image
- 2- List materials
- 3- Workspace

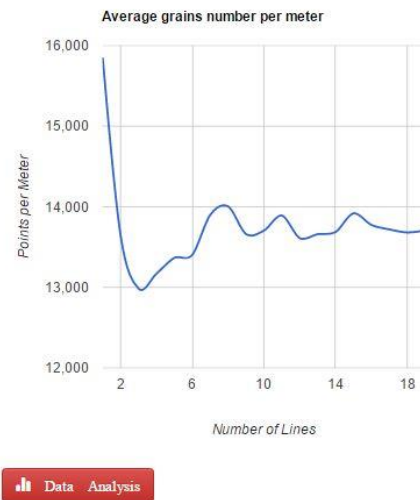
Analysis



- 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

## 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 then the data can be exported to as Excel File.

Home > Projects > Experiences > Experience Information

Export to Excel

### Project:

Name: 1st Project

Description: this is my 1st project

### Experience:

Name: experience 1

Date: 2016-07-21 12:49:24

### Information:

Number of Lines: 19

Number of Grains: 206

Number of Grains per Meter: 13705.74

Average Grain Size: 113.82  $\mu\text{m}$

### Phases:

1 material 01

