

**University of Arizona
CAMECA SX100**

Taking Pictures

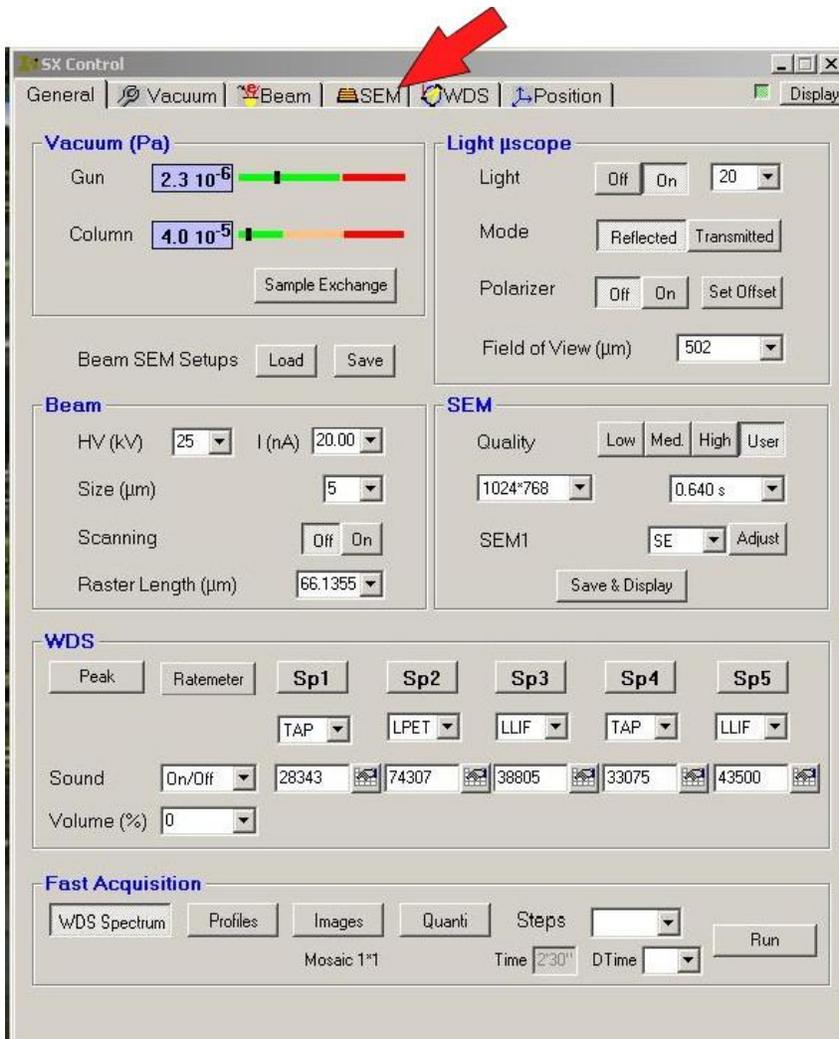
Step 1

**Get the image you want to take a picture of
on the SEM screen**

Step 2

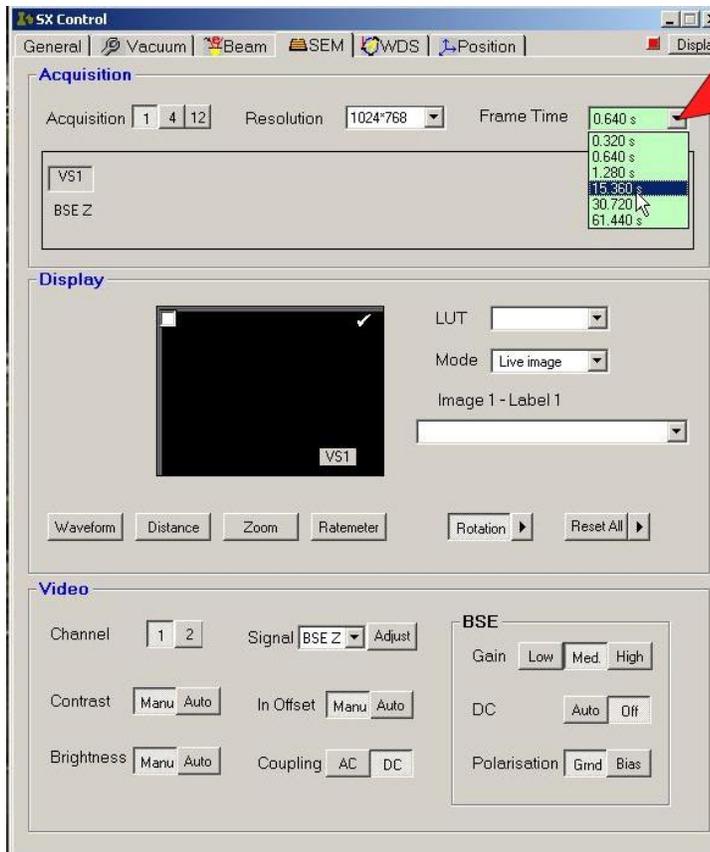
If necessary: Change to the SEM tab

Select this Tab



Step 3

Set the frame time to **15.36 seconds (or longer)**



Press this Button

Then

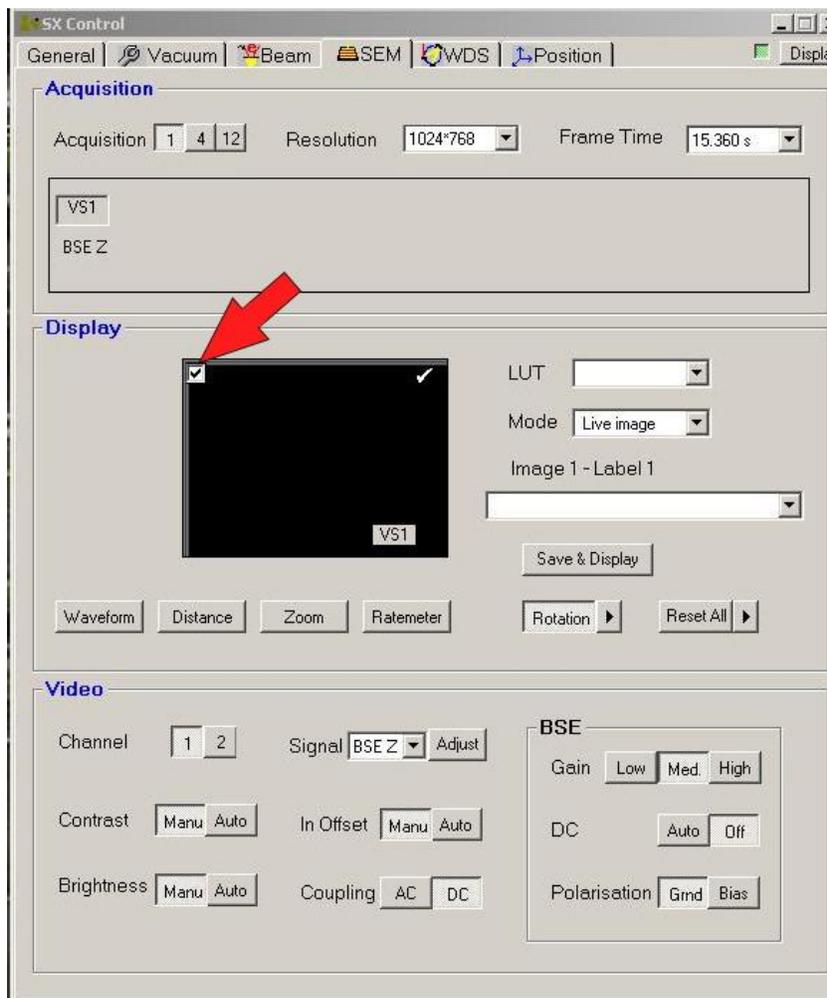
**Select 15.36 s
from the drop
down menu.**

Note: 15.36 is the recommended frame time for our usual resolution of 1024 x 768. Other frame times may be better at other resolutions.

Step 4

Wait until the picture on the SEM screen has been completely scanned.

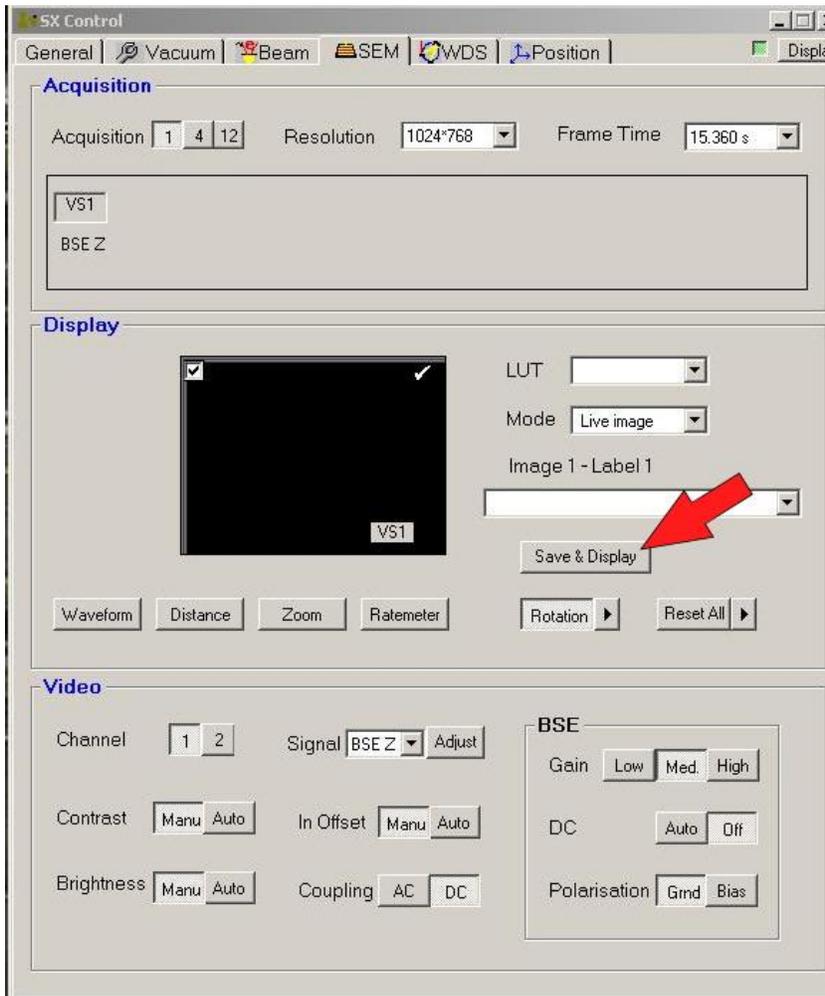
Then:
Freeze the SEM Picture



**Click this
Checkbox**

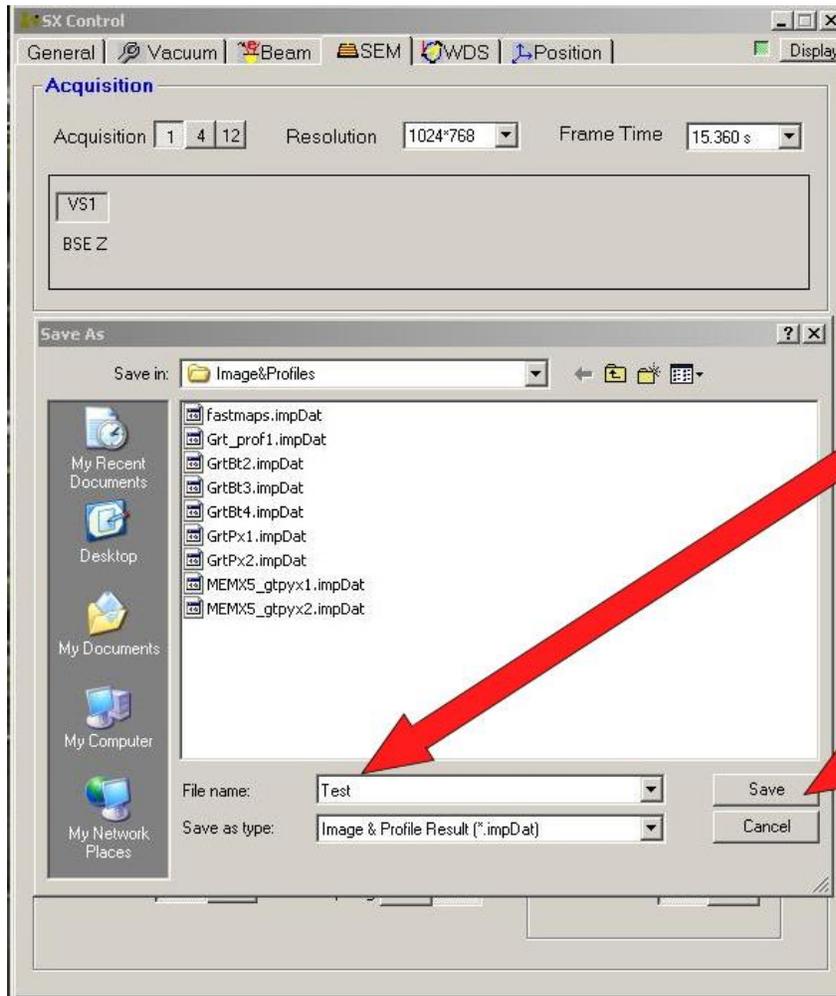
Step 5

Save the raw Image File



**Press this
Button**

Then:



Type in a Name

Then

Press this Button

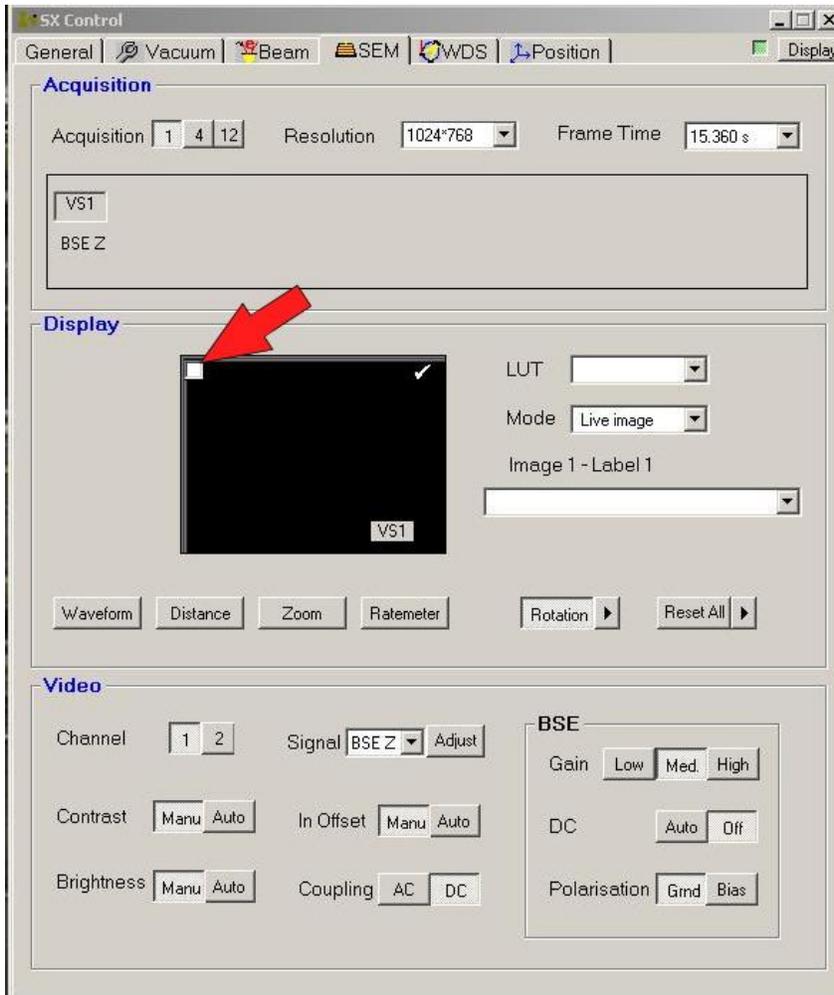
In the pop-up window.

Step 7

Wait for the picture to show up in the Results screen.

Step 8

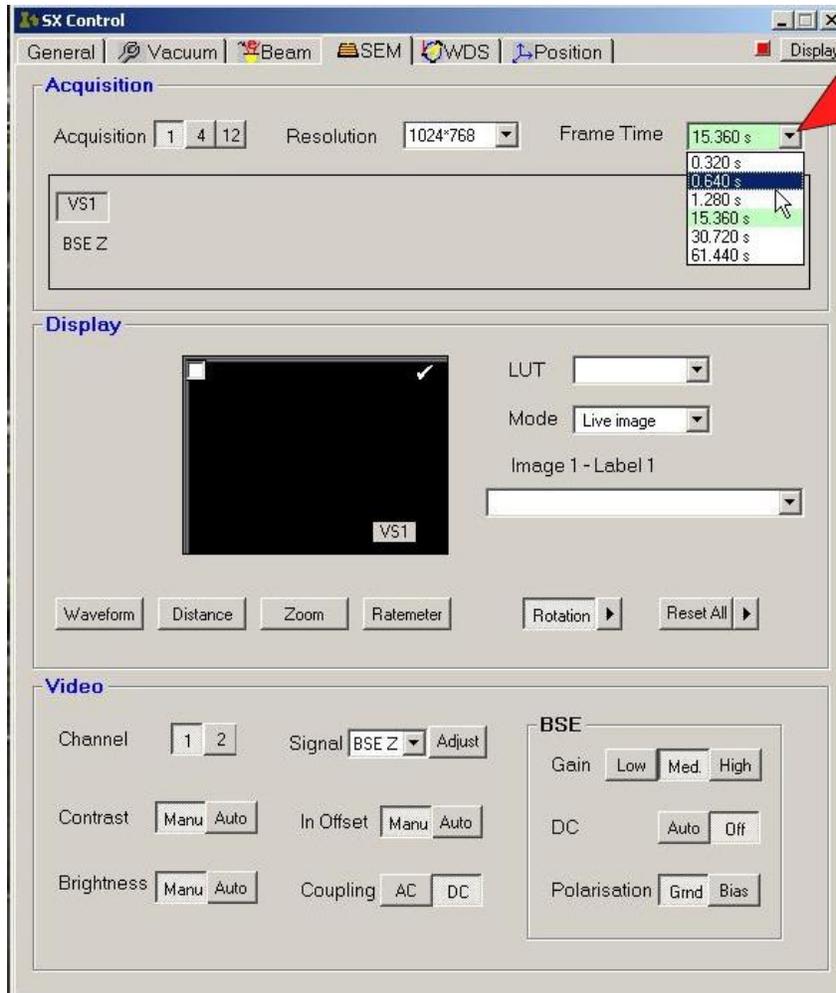
Unfreeze the SEM picture:



**Unclick this
Checkbox**

Step 9

Change the Frame Time back to 0.64 seconds.



Press this Button

Then

Select 0.640 s from the drop down menu.

