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)

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.