Instructions for Sizing Snowflake Images:

1. Figure out which camera the image is from (0,1,2).
2. Is it from the new processing or the old processing? New processing means that images dragged into PowerPoint will not be at the same scale relative to each other.
3. If image is from camera 0 or 2, each pixel is equivalent to 0.034 mm. This means the total field of view in the horizontal is 83.2 mm.
4. If image is from camera 1, each pixel is equivalent to 0.02 mm. This gives the images from camera 1 a 49 mm horizontal field of view.
5. Open GIMP (GNU Image Manipulation Program) and open your image to be resized.
6. Use the line tool to draw a line across the maximum dimension of the snowflake (the longest straight line that can be drawn through the center of the flake). Find the length of this line.
7. Multiply the length (in pixels) by the corresponding conversion to millimeters for the same camera.
8. Multiply this by the scaling factor that you’re using for all of the images (1.5x, 2x, etc.) Then divide by the scaling factor again. Change the line length to be equal to this new number, and then manipulate the image to match the new line length to a new maximum dimension.
9. Save the image and add it to your PowerPoint slide.