Digital Images for Projection

Introduction

The Steyning Camera Club uses software for projecting digital images in competition. As a consequence, this requires digital image files to include certain key information and to be saved in a specific file format. This reduces the amount of administrative work and enables the system to automatically generate a computerised results summary that can be published on the club's website.

Working with your image editor (PhotoShop, PhotoShop Elements, Paint Shop Pro etc.) the procedure may involve:

- Resizing the image
- Adding file information i.e. Document Title and Author

The requirement to save your competition image files with a specific file naming format is no longer required.

Image Resolution

Pixel dimensions of an image are to correspond with the number of pixels that can be found on the projector that will be used. Steyning Camera Club's projector is high definition and displays an image at up to 1920 pixels wide by 1200 pixels high. Therefore, digital images for club competitions should be adjusted accordingly

Whilst the imageprepare on-line entry system will automatically down size images to respect the above dimensions (the fix it button), members may wish to continue to re-size images themselves to maintain full control of the image. Note that the imageprepare system will not accept images smaller than the above dimensions i.e. one (or rarely both) of the dimensions must meet the maximum size criteria.

Procedures for re-sizing for images and adding image file information used in club competitions are explained in this document.

Resolution and File Format

Files should be resized to a maximum of **1920** pixels width or a maximum of **1200** pixels height, and should be submitted in maximum quality .**jpg** format. Whether the key dimension is the width (**1920** pixels) or the height (**1200** pixels) depends on how the image is presented (landscape or portrait). For Example

- ***Letterbox or wide landscape*** images. The key dimension is likely to be the width, which should be re-sized to a **maximum** of 1920 pixels wide; the height is likely to be below the **maximum** of 1200 pixels, but this should be checked. If the height, is greater than 1200, then re-size the image height to 1200 pixels and check that the width is less than 1920 pixels

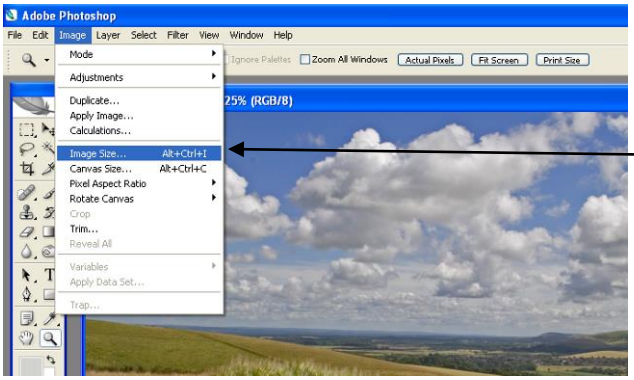
- ***Standard 6x4 landscape*** images. The key dimension is the height, which should be re-sized to a **maximum** of 1200 pixels, the width will come out at 1800 pixels.

- ***Square*** image. The key dimension is the height, which should be re-sized to a **maximum** of 1200 pixels. The width will also come out at 1200 pixels.

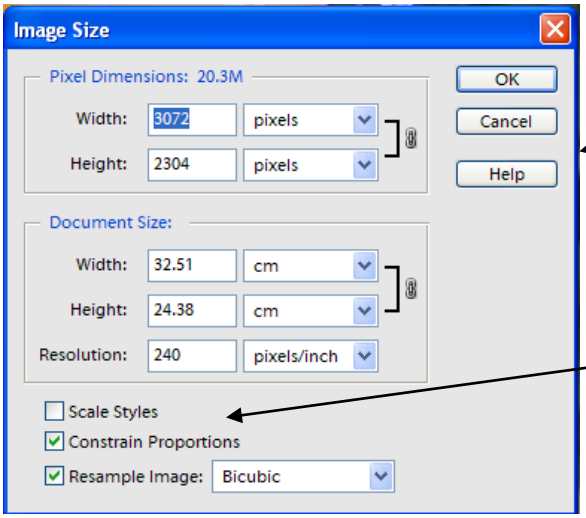
- ***Portrait*** images. The key dimension is the height, which should be re-sized to a **maximum** of 1200 pixels. The width will come out well below the maximum allowable value of 1920 pixels.

NOTE: ENSURE YOU ARE WORKING ON A COPY AND NOT YOUR ORIGINAL IMAGE FILE.

STAGE 1 – RESIZING THE IMAGE

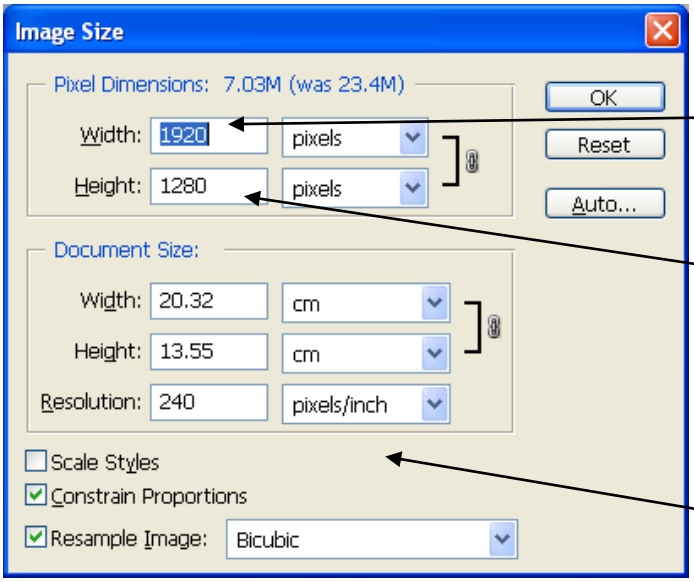


1. To resize
Click **Image** on the menu bar and select **Image Size** (Alt+Ctl+I)



2. The Image Size dialog window may look something like this and therefore needs to be resized for digital projection

3. Make sure the 'Constrain Proportions' and 'Resample Image' check boxes are ticked

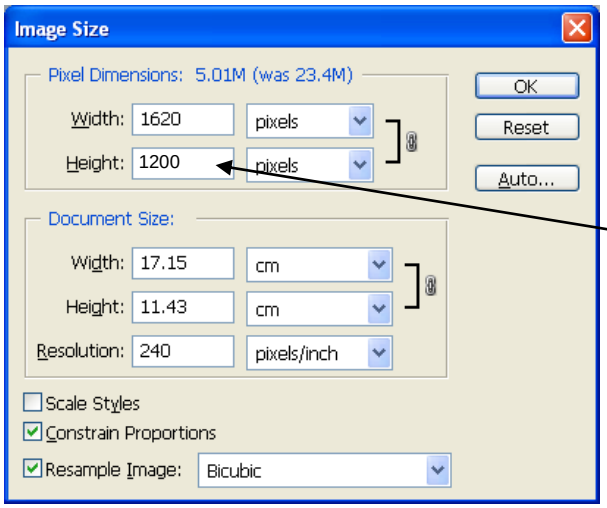


4. For a landscape image change the pixel width to 1920 pixels

5. **IMPORTANT** If the pixel height is then **greater** than 1200 set the pixel height to 1200. The pixel width will then be constrained in proportion **automatically**.

6. Resolution for the document size makes no difference so can be left as it is.

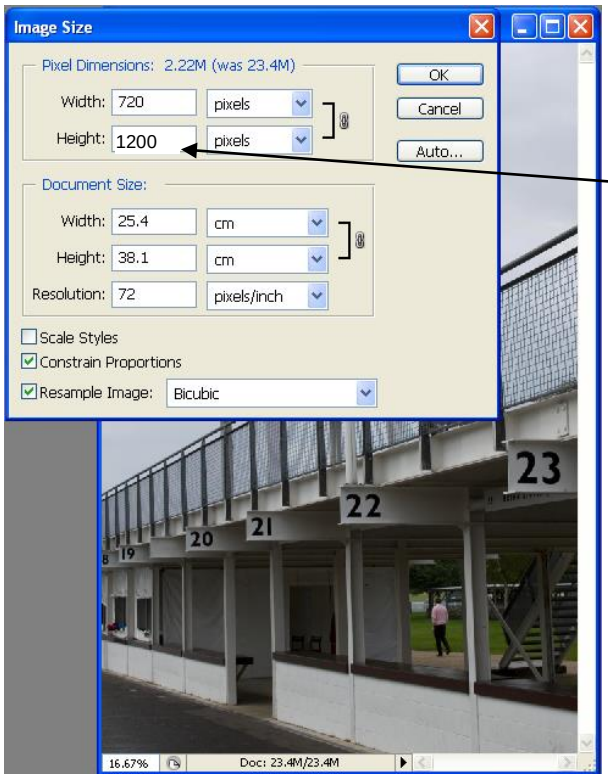
Resizing the Image continued



6. The re-adjusted size for a landscape image file should be as opposite where the pixel height is no greater than 1200

7. If you are satisfied that the image is re-sized correctly click the OK button.

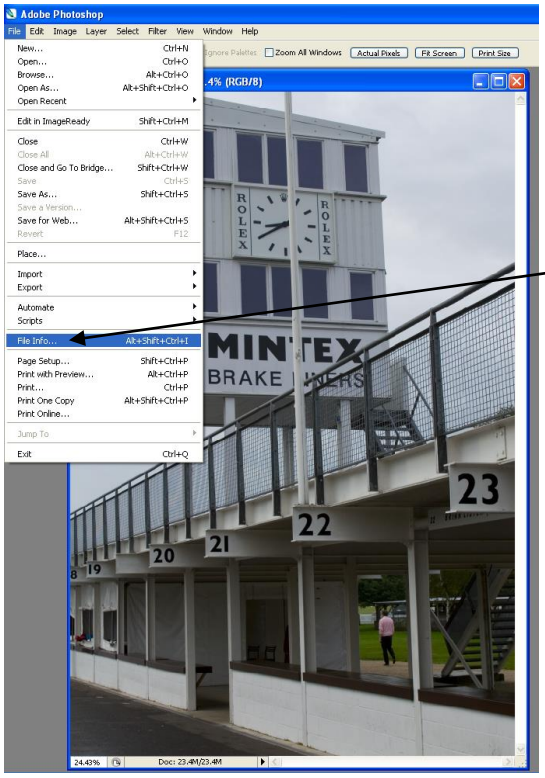
Portrait Orientated Image File



8. Alternatively a portrait orientated file should have the pixel height set at 1200 and then the pixel width will be constrained in proportion automatically

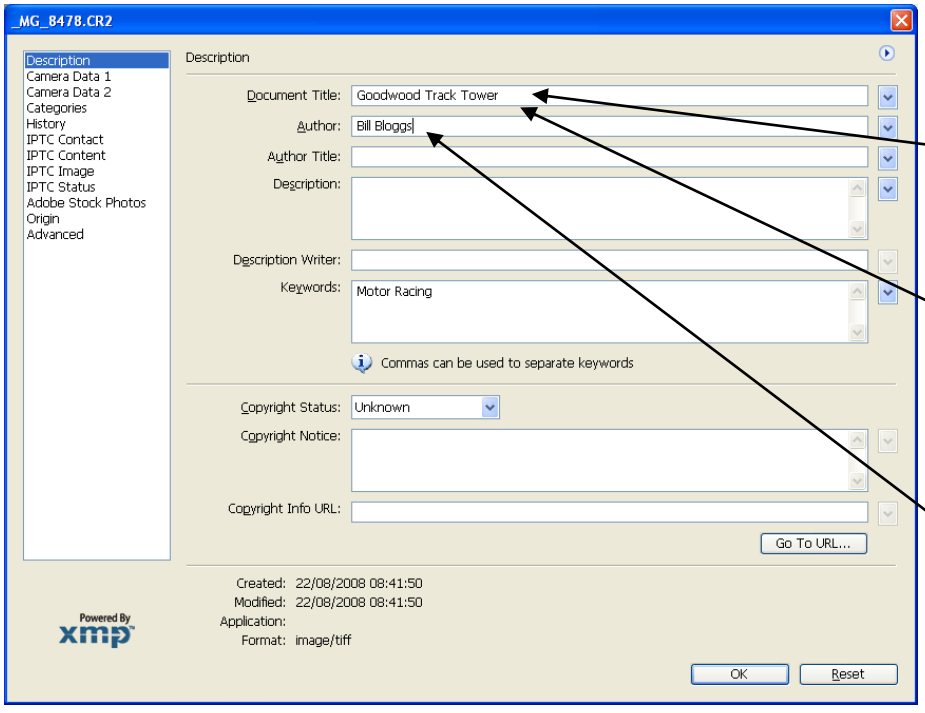
STAGE 2 – ADDING FILE INFORMATION

Whilst the imageprepare system can add an image title and your name as the author (via the fix it button), members may wish to add this image information before attempting to upload their images using the procedure below.



Open File Information

1. File and select **File Info**



Insert File Information

2. Enter 'Title of Image' e.g. name for the image and **not** to be confused with the file name. Use upper & lower case.
3. Please keep the title short; **5 words max.** as a guideline
3. Enter your name – use upper & lowercase
4. Click OK.

STAGE 3 – SUPPLYING FILES TO THE COMPETITION SECRETARY

Each member wishing to participate in competitions is supplied with a competition number (formerly the number on the supplied USB stick). New members should contact the Membership Secretary (membership@steyningcc.org.uk) for a number. The number is used as a reference in the imageprepare system.

The image files are supplied to the Digital Competition Secretary via the imageprepare system (see Entering Images on-line) accessed via the Club website

http://www.steyningcc.org.uk/competitions/competition-online-entry/

Instructions on how to create a log-in and how to upload files, are provided.

IF YOU HAVE ANY DOUBTS ABOUT THESE PROCEDURES OR WOULD LIKE SOME TUITION, PLEASE ASK THE DIGITAL COMPETITION SECRETARY.