

GARSTANG CAMERA CLUB

RE-SIZING DIGITAL IMAGES TO 1600 X 1200 PIXELS USING ADOBE PHOTOSHOP OR PHOTOSHOP ELEMENTS

- 1) CREATE A COPY OF YOUR ORIGINAL IMAGE AS RE-SIZING WILL REDUCE THE QUALITY AND YOU MAY WANT TO DO MORE WORK ON IT IN THE FUTURE.
- 2) OPEN YOUR IMAGE AND USING THE MENU AT THE TOP OF THE SCREEN, GO TO 'IMAGE' AND THEN SELECT 'IMAGE SIZE' FROM THE DROP-DOWN MENU
- 3) A BOX WILL OPEN ON YOUR SCREEN. ENSURE 'CONSTRAIN PROPORTIONS' IS TICKED.
- 4) FOR A LANDSCAPE FORMAT IMAGE, CHANGE THE WIDTH TO 1600 PIXELS. THE HEIGHT SHOULD AUTOMATICALLY CHANGE TO 1200 PIXELS OR LESS. CLICK OK
- 5) FOR A PORTRAIT FORMAT IMAGE, FOLLOW STEPS 1-3 ABOVE THEM CHANGE THE HEIGHT TO 1200 PIXELS. THE WIDTH SHOULD CHANGE TO 1600 PIXELS OR LESS. CLICK OK.
- 6) ALSO ENSURE THAT THE RESOLUTION IS SET TO 300 PIXELS/INCH.
- 7) TICK THE RESAMPLE BOX AND NORMALLY CHOOSE 'AUTOMATIC'.
- 8) TO COMPLETE THE OPERATION, YOU NOW NEED TO CHANGE THE CANVAS SIZE. GO TO 'IMAGE' AGAIN BUT THIS TIME SELECT 'CANVAS SIZE' FROM THE DROP DOWN MENU.
- 9) SET THE 'CANVAS EXTENSION COLOUR' (I.E. THE BACKGROUND COLOUR) TO BLACK.
- 10) SET THE SIZE TO 1600 PIXELS WIDE AND 1200 PIXELS HIGH. CLICK OK.

YOU SHOULD NOW HAVE A 1600 X 1200 PIXEL IMAGE WITH A BLACK SURROUND IF THE IMAGE DOES NOT FILL THE FRAME. NOTE THAT PORTRAIT-FORMAT IMAGES WILL ONLY FILL ABOUT HALF THE SCREEN AND THE REST WILL BE BLACK SURROUND.

SAVE YOUR IMAGE AS A JPG/JPEG FILE SPECIFYING A COMPRESSION LEVEL OF 12.

FINALLY, DO NOT FORGET TO GIVE YOUR IMAGE A TITLE BUT THE TITLE MUST NOT BE SHOWN ON THE IMAGE ITSELF. DO NOT GIVE THE FILE ANY MEANS OF IDENTIFYING THE AUTHOR.

RE-SIZING DIGITAL IMAGES TO 1600 X 1200 PIXELS USING ADOBE LIGHTROOM CLASSIC OR CC

ESSENTIALLY, WHEN EXPORTING AN IMAGE IN LIGHTROOM, AN EXPORT FILE COMES UP AND ONE OF THE CHOICES IN THERE IS 'IMAGE SIZING'. TICK THE 'RESIZE TO FIT' BOX AND CHOSE THE OPTION 'WIDTH AND HEIGHT'. ENTER WIDTH 1600 PIXELS AND HEIGHT 1200 PIXELS. RESOLUTION DOES NOT PARTICULARLY MATTER FOR THIS SO YOU CAN PROBABLY JUST LEAVE IT AT THE DEFAULT. DO NOT TICK THE 'DON'T ENLARGE' BOX.

WHEN YOU EXPORT THE IMAGE IT WILL RESIZE TO EITHER 1600 PIXELS WIDE FOR LANDSCAPE OR 1200 PIXELS HIGH FOR PORTRAIT. ORDINARILY, FOR A LANDSCAPE IMAGE IF YOUR WIDTH IS 1600, THE HEIGHT WILL BE LESS THAN 1200. FOR A PORTRAIT IMAGE IF YOUR HEIGHT IS 1200 THE WIDTH WILL BE LESS THAN 1600.

IN PHOTOSHOP, YOU CAN FILL IN THE MISSING SIZE WITH BLACK. BUT YOU CANNOT DO THAT IN LIGHTROOM. HOWEVER, THE PROJECTOR WILL AUTOMATICALLY FILL IN THE MISSING PIXELS WITH BLACK.

IRFAN VIEW

IF YOU DO NOT HAVE PHOTOSHOP OR LIGHTROOM THERE IS FREE SOFTWARE AVAILABLE CALLED IRFAN VIEW WHICH CAN RESIZE IMAGES. DOWNLOAD LINK IS HERE: <https://www.irfanview.com/>
FULL INSTRUCTIONS RE AVAILABLE IN THE HELP BOX

IF YOU ARE STILL UNSURE, ASK A MEMBER OF THE COMMITTEE