



**Please
Turn off Your
Mobile Phones**

Llantwit Major Photographic Club

#18 - 22 November 2022

Homework



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photography by
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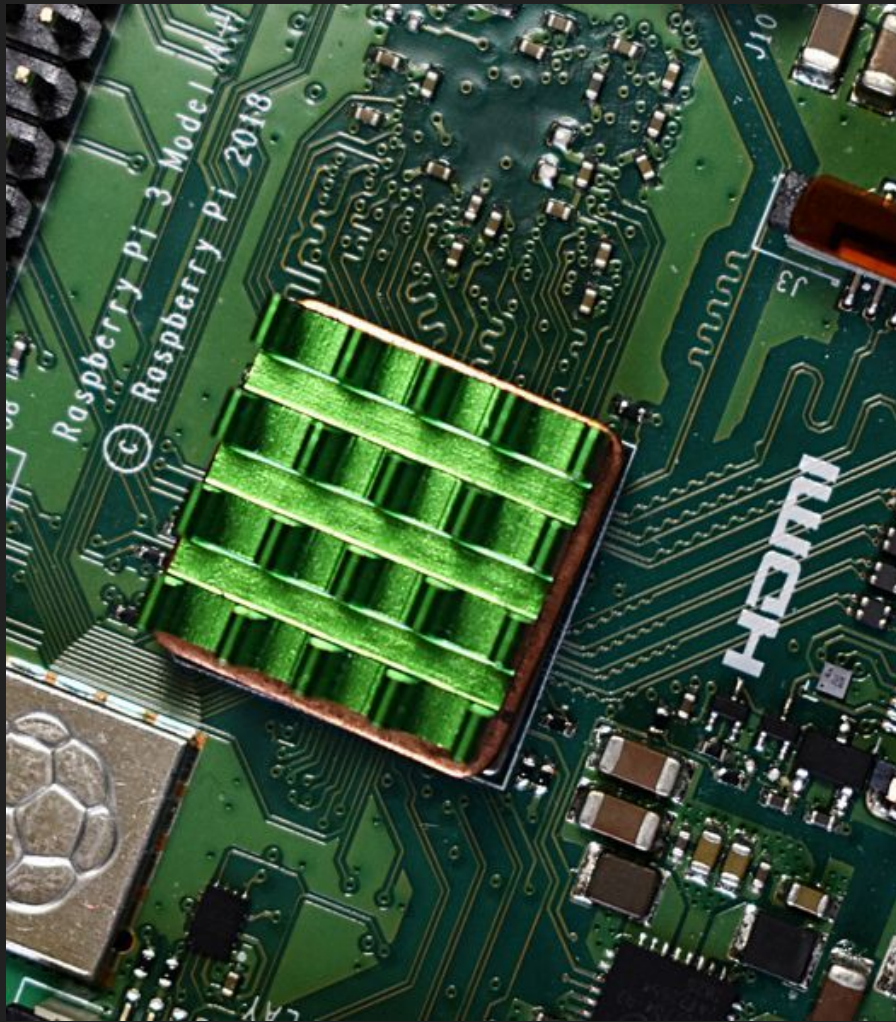
John Dudley



Kelley Howlett



Colin Davies



Graham Brain



Chloe Monaghan



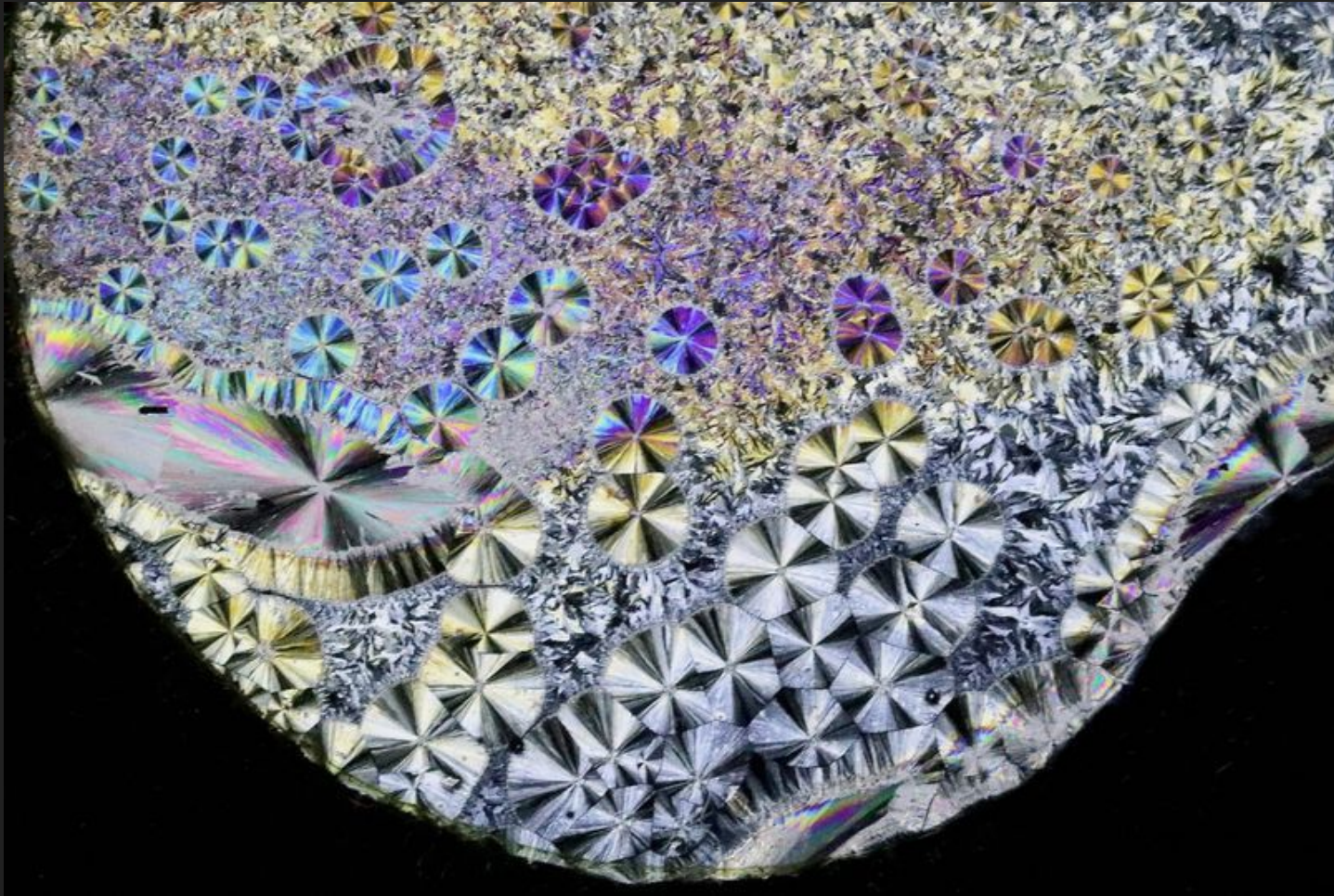
Fiona Barnard



Tim Ingram



Rob Hughes



Jim Wild



Cled Lewis

Break

Critique #2

Printed Images

Digital Images





3 - Blissful Bay



4 - Empty and Unloved



5 - Glass Half Empty



6 - Sign of the Times





8 - Take a Seat











13 - Silhouettes and Sky





15 - Empty Bath





17 - Exploring Empty Space



18 - A Slow Day in Starbucks











Hints and Tips

Reciprocal Rule

As the focal length of a lens is increased, so is the magnification.

As the magnification increases, so is more possibility of camera shake.

Two approaches in preventing this:

- The first one is proper form and technique when holding the camera.
- The second one is the “Reciprocal Rule”.

Holding the camera

Camera shake:

- Holding the camera properly
- Using a smooth movement when depressing the shutter release button

Recommended approach:

- When hand holding a camera, use the viewfinder and not the Live View function.
- Press the viewfinder to your face.
- Support the lens from beneath.
- If you can then lean on something, which could include your knees if sitting.
- Tuck your elbows into your side or chest.
- Breathe evenly.
- Slowly depress the shutter release.







The Reciprocal Rule

The Reciprocal Rule states, that the shutter speed of your camera should be at least the reciprocal of the effective focal length of the lens.

So for a 50mm lens, the shutter speed should be 1/50th of a second or faster



1- Telephoto: If this photograph were shot hand-held with a 300mm lens, what does the Reciprocal Rule tell us? The shutter speed should be 1/300th of a second or faster.



2- In the middle: With an 85mm lens the shutter speed should be 1/85th of a second or faster. If your camera technique is still being developed, your shutter speed should likely be faster. If your camera technique is excellent, you may get away with a slower shutter speed than 1/85th of a second.



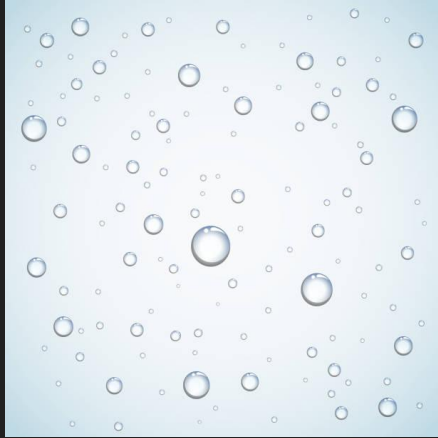
3- Wide Angle: These lenses do not magnify a scene, they push the scene out and away. This allows them to be handheld at slower shutter speeds. You would likely never want to handhold your camera at a shutter speed of 1/8th of second or slower.

Skills

Cold weather!

Some tips for when it's REALLY cold

What's different from warm weather?



First - yourself



The right equipment

You will need:

- A camera and lens - best not to switch lenses mid-shoot unless essential
- A UV filter on the lens as you may need to clean off moisture regularly
- A microfibre cloth to clean the filter / lens
- Two fully charged batteries, one in the camera, the other in your pocket
- An SD card in the camera with enough space for the shoot

....in the snow or rain:

- Something to keep the camera dry if snowing or raining

....and in the dark:

- A tripod
- A remote control or cable release if you have one, or use the camera timer

The technique for landscapes

Daylight or dusk

- Do a quick trial exposure - adjust the exposure to e.g. retain the highlights
- Use a tripod to get a low ISO, f/11 and shutter speeds slower than 1/125
- Alter the colour balance if needed to e.g. a cloudy setting to avoid blue tinge

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....and at **night**

- Set up the camera on a tripod and do a trial exposure
- Usually, it's best to set to manual exposure, manual ISO and manual focus
- Scenes with lit buildings - try ISO 100, f/11 and 20 seconds
- Scenes with no artificial light - try ISO 1000, f/4 and 20 seconds
- Adjust as necessary, halving or doubling the exposure time to get it right

Don't put the camera in the warm until you have finished the shoot,
then let it warm up gradually before removing lenses

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REMEMBER

- L Life - keep safe!
- M Moisture on lens
- P Practise your technique
- C Charge your batteries and phone

Homework #18 - The Cold



Not on Facebook?
Use the Upload option on the LMPC website,
in the members only menu.

Or you can use lmpc-files@googlegroups.com email address

Post one image onto the Facebook group &
tag it with #LMPC018

All entries by 5pm Sunday 4th December
please.

NOTE - only on Facebook and Website

Please take NEW images and don't just send
out old images - this is about practising skills



Club meeting #19 - 6th December

What to expect...

- Photographing People
- Practical - bring your cameras!

