Intentional Camera Movement
ICM

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Chester County Camera Club
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Different Techniques – All in Camera

- Swiping or Panning (Horizontal) / Tilting (Vertical)
- Slap Zoom (Burst Zoom)
- Rotate
- Rotate & Zoom
- Squiggle
- Panning a Moving Subject

- Multiple Exposures

Gear

- Any Camera or Lens
- Zoom Lens (24-105; 70-200) and 100 mm Macro
- ND Filter (8-stop is a good one to start with, then stack)
- Variable ND Filter (2-8 stops, but causes vignetting at certain settings)
- Polarizer
- Tripod
- Lens Collar (nice, but not necessary)

Some Basic Settings

- Manual Mode
- ISO - 100 (lower if possible)
- F16 or F22 (higher if possible)
- Shutter Speed (1/5 sec or slower)
- Things to Remember:
  - Attach a filter if needed
  - Turn off Stabilization
  - Works best on overcast days
  - Have fun!

Simple Swipes at the Beach (Panning)

- Sunrise & Sunset – are best times
- Can do this anytime of the day but may need ND filter
- Think of composition before you start – rule of thirds
- If handholding – use your strap and hold it with no slack or keep your elbows in next to your body

ISO 100, f/29, .8 sec, 45 mm

ISO 50, f/20, 1/6 sec, 70 mm

ISO 200, f/22, 1 sec, 32 mm

ISO 200, f/16, 1.3 sec, 24 mm

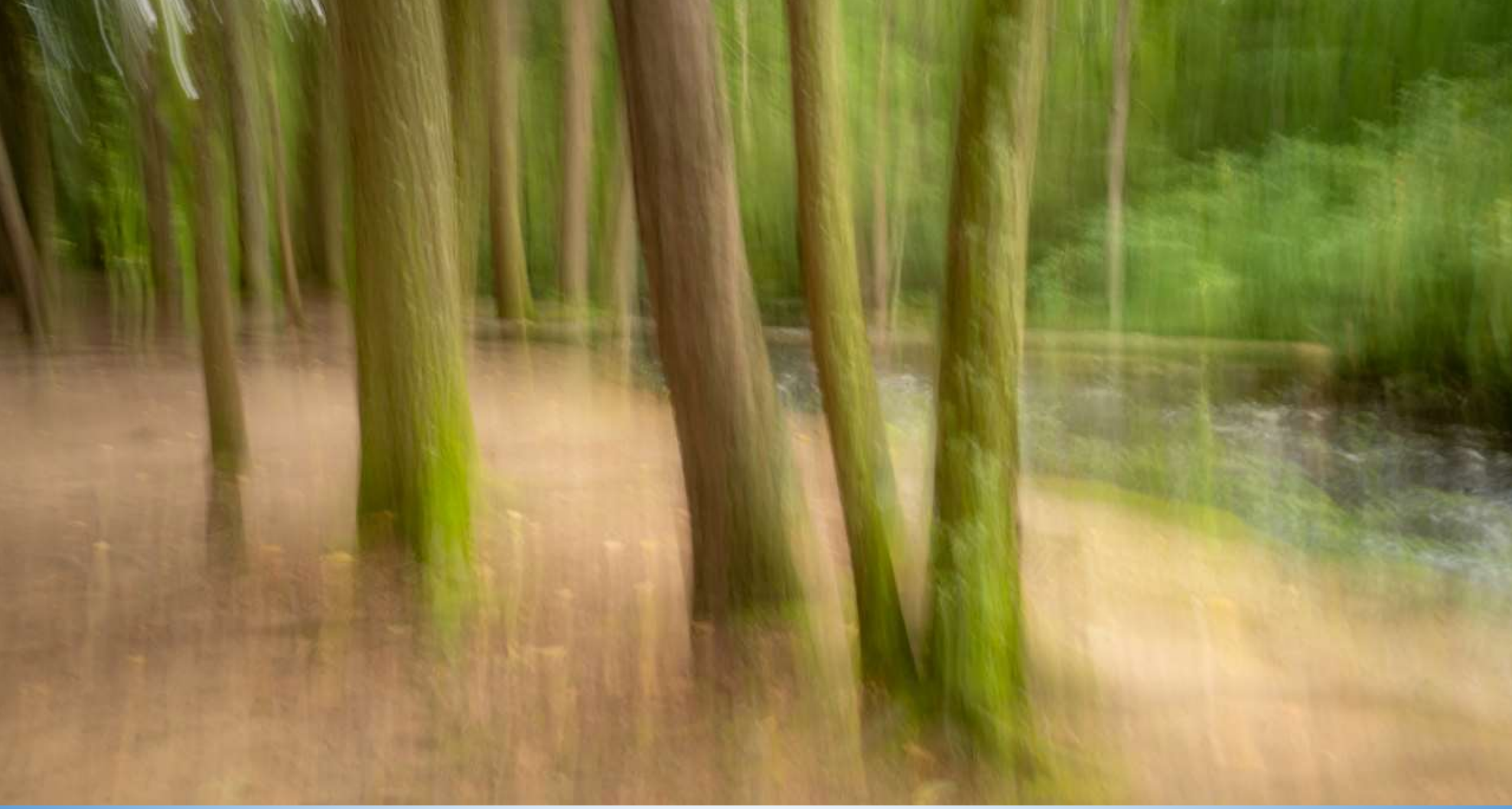
Vertical Swipe - Tilting

- Tall vertical elements work well for this technique
- Trees and Reeds – Tall upright flowers are all good
- This is a good place to start – they don’t move!

ISO 200, f/40, 1 sec, 300 mm

ISO 125, .8 sec, with Lensbaby Velvet 85

ISO 320, f/18, .6 sec, 18 mm



ISO 320, f/22, 1 sec, 18 mm

ISO 200, f/32, 1.4 sec, 70 mm

Architecture and Cityscapes

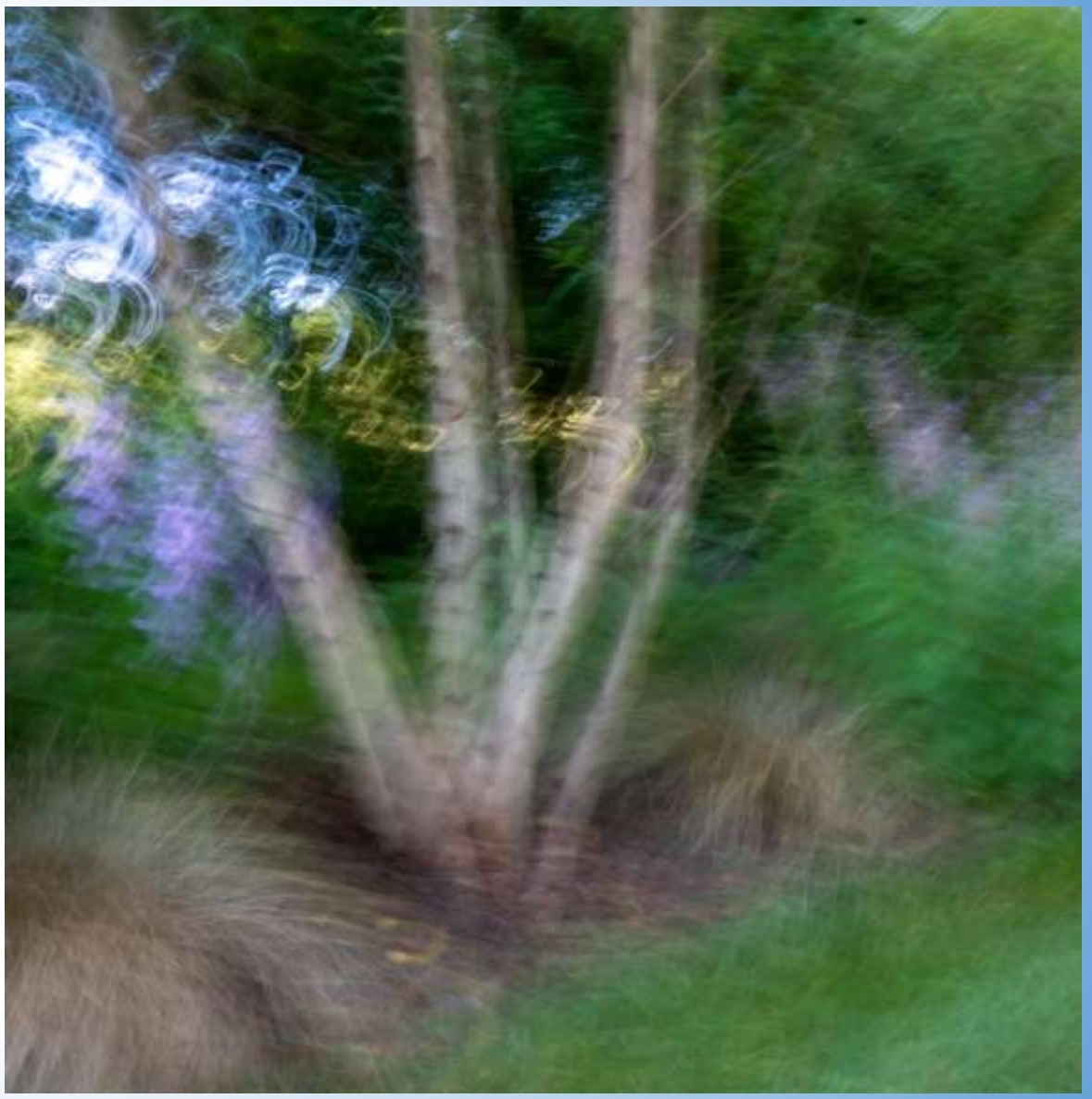
- You can get a feel for the hustle and bustle of a city street
- Depending on your settings and technique, you can create calmness or tension
- Vertical swipe if people are walking towards or away from you
- Horizontal swipe if they are walking across your line of sight

ISO 100, f/22, .4 sec, 18 mm

ISO 100, f/22, 1/5 sec, 18 mm

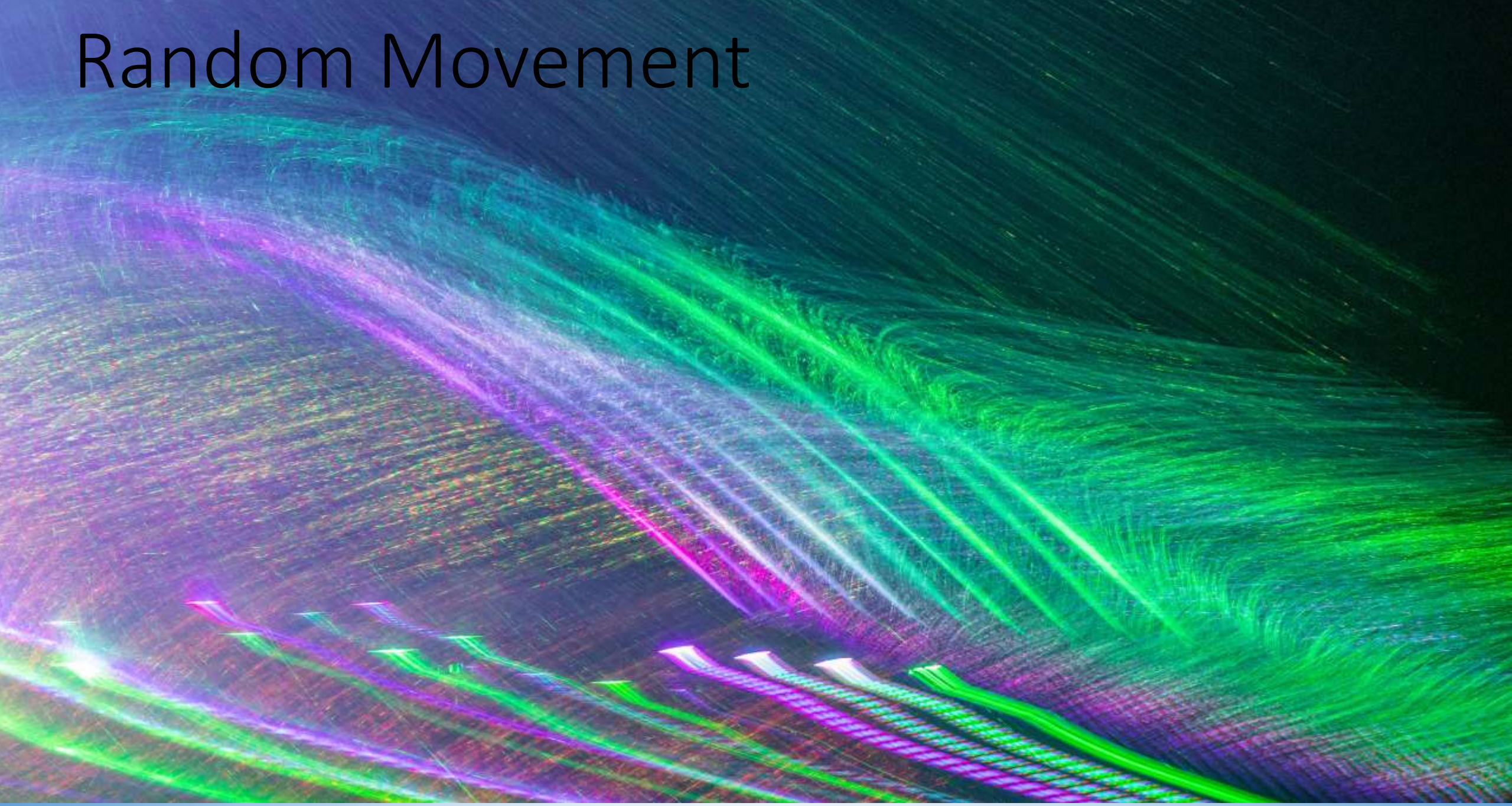
Small Squiggles

ISO 200, f/22, .5 sec, 19 mm



ISO 125, f/25, .5 sec, 23 mm

Random Movement



ISO 3200, f/13, .6 sec, 105 mm

ISO 100, f/22, .4 sec, 100 mm

Panning a Moving Subject

- Focus on the moving subject and move along with it
- The subject will be in focus and background blurred giving the sense of movement and either excitement or calmness
- Use AI Servo or Continuous Focus setting

ISO 100, f/6.3, 1/40 sec, 76 mm

ISO 100, f/10, 1/8 sec, 24 mm

Slap Zoom / Zoom Burst

- Zoom bursts are best done on a tripod
- Helps to have a something in the center where you can set your focus
- Look for contrasting colors

ISO 100, f/25, .5 sec, 75mm

ISO 100, f/22, .5 sec, 105 mm

ISO 100, f/22, 1/6 sec, 36 mm

ISO 50, f/22, .3 sec, 43 mm

Rotate

- Rotate the camera or spin yourself around
- From underneath a subject
- This works well with a tripod collar
- Loosen the ball head on a tripod and rotate camera
- Creates concentric circles

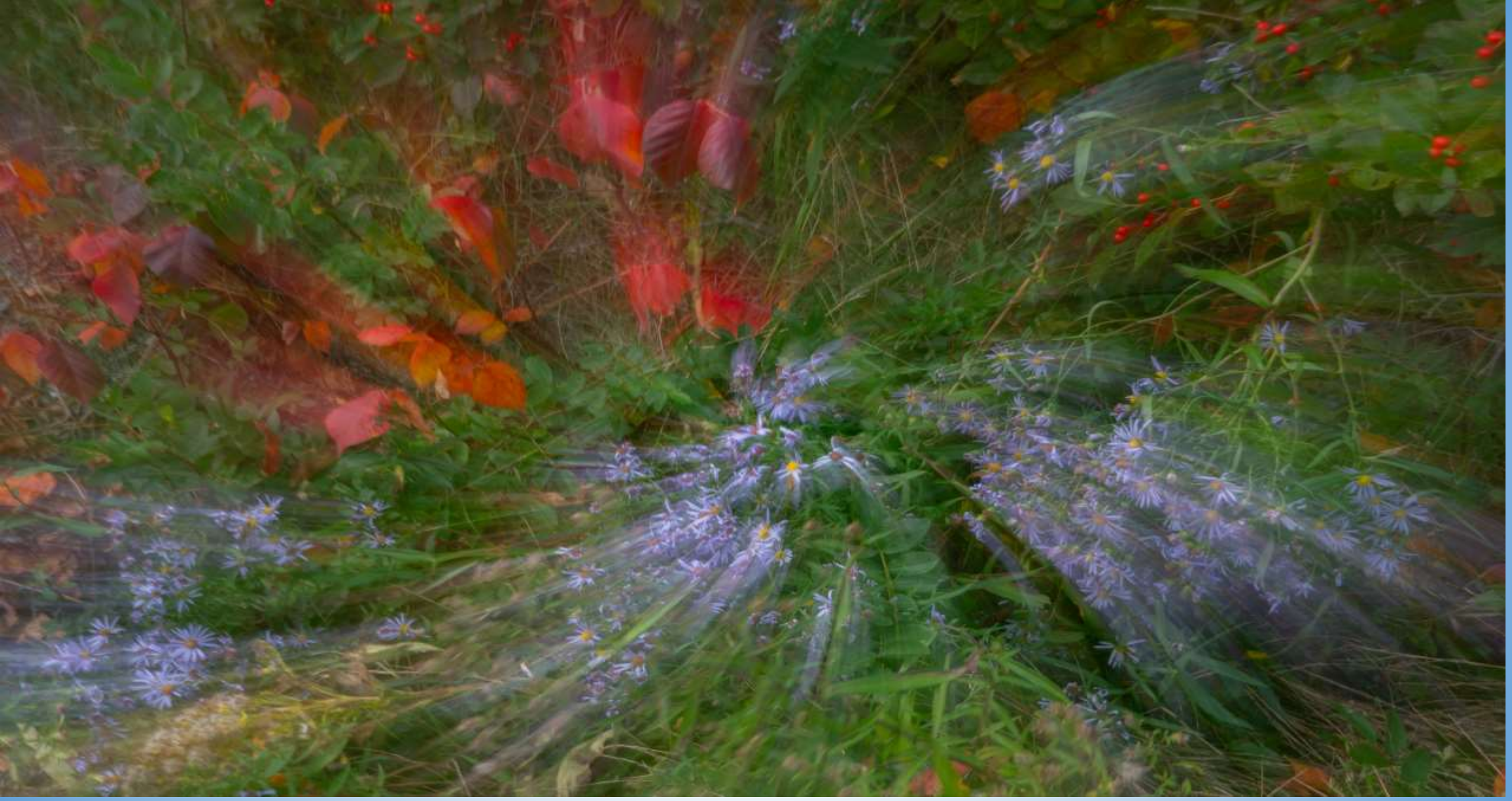
ISO 100, f/22, .5 sec, 18 mm

ISO 250, f/32, .5 sec, 43 mm

Rotate and Zoom

- Zoom and Rotate at the same time to create a swirly image
- Start zoomed in (105) and rotate it outwards (24)
- Helps to have contrasting or different colors

ISO 50, f/22, .1/4 sec, 105 mm



ISO 100, f/22, 1/3 sec, 46 mm

ISO 250, f/22, .5 sec, 49 mm

Multiple Exposures

- Technically not ICM
- Move the camera between exposures, not during exposure
- Some cameras have built in feature
- Work around in PS

Multiple Exposure Techniques

- ICM Multiples
- Monet
- Rotate
- Zoom
- Rotate and Zoom

ICM Multiples

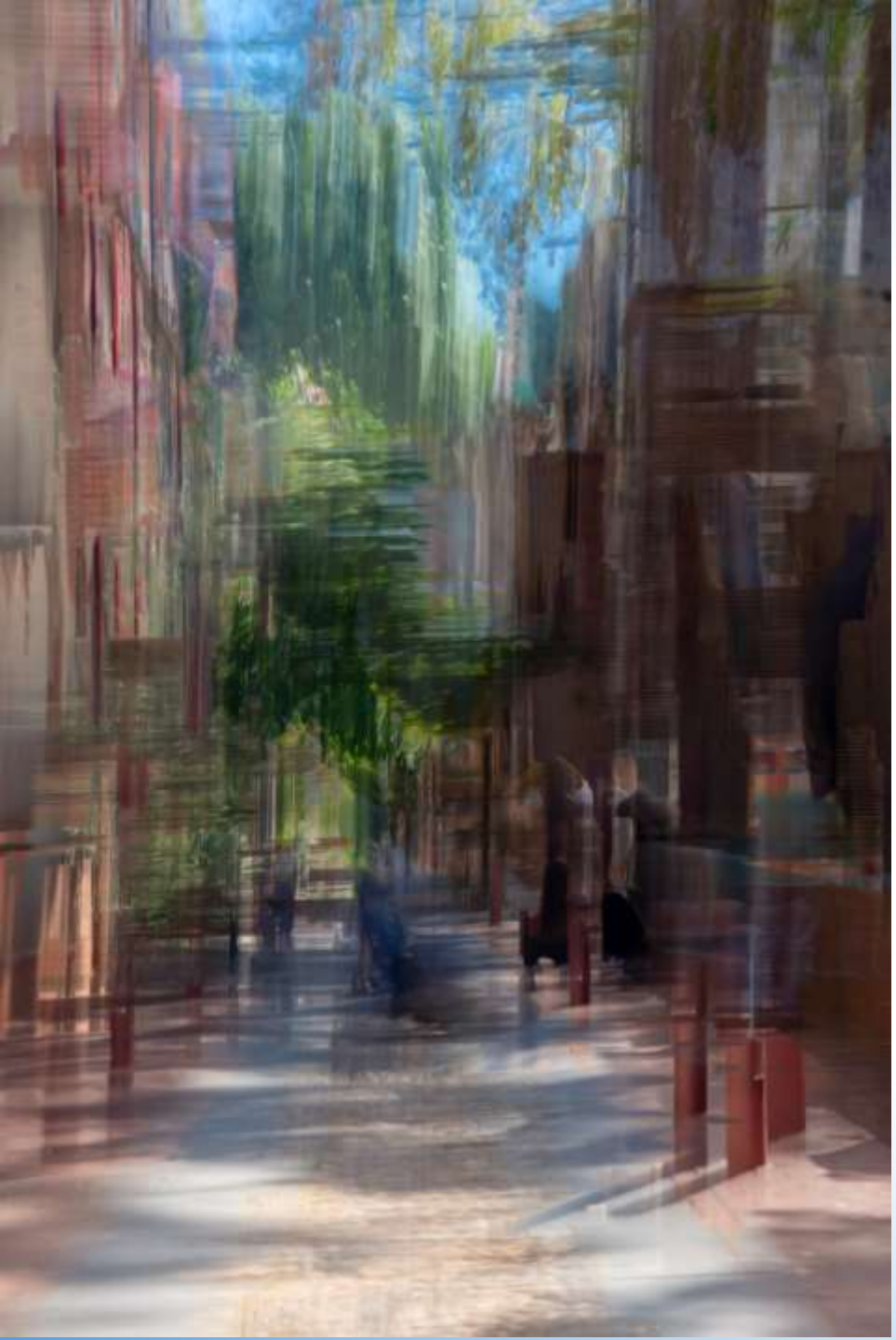
- One vertical swipe, One horizontal swipe (or more)
- Combine in Camera or PS

Combined in Camera

Combined in PS

ISO 50, f/18, .4 sec, 100 mm

ISO 250, f/25, .5 sec, 29 mm



2 vertical swipes
1 horizontal swipe
Combined in PS

.8 sec, f/22, iso 100

Monet Effect

- Multiple exposures (5-7) of the same scene
- Move the camera very slightly between each shot

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x     X
   X
x     X
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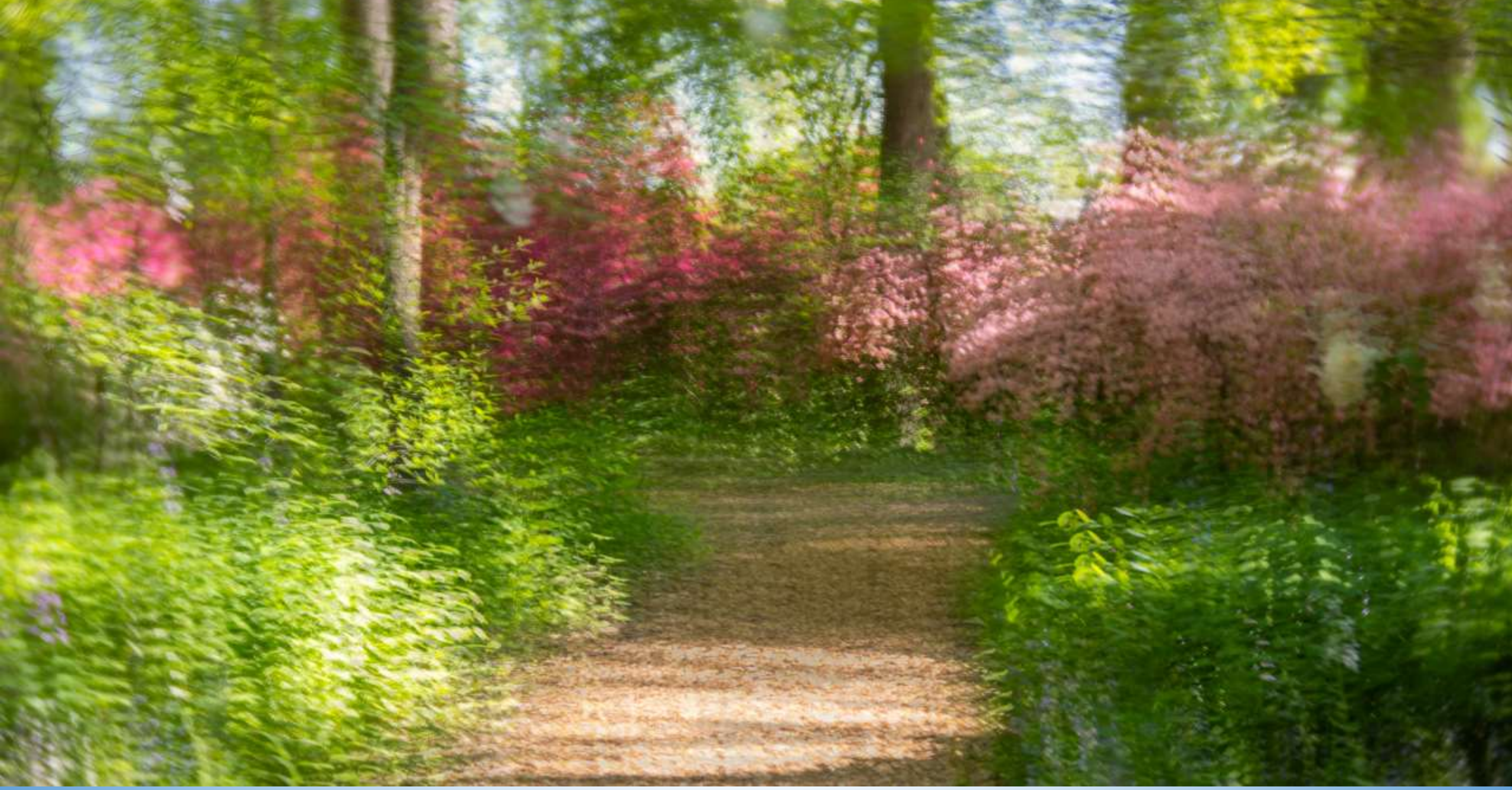
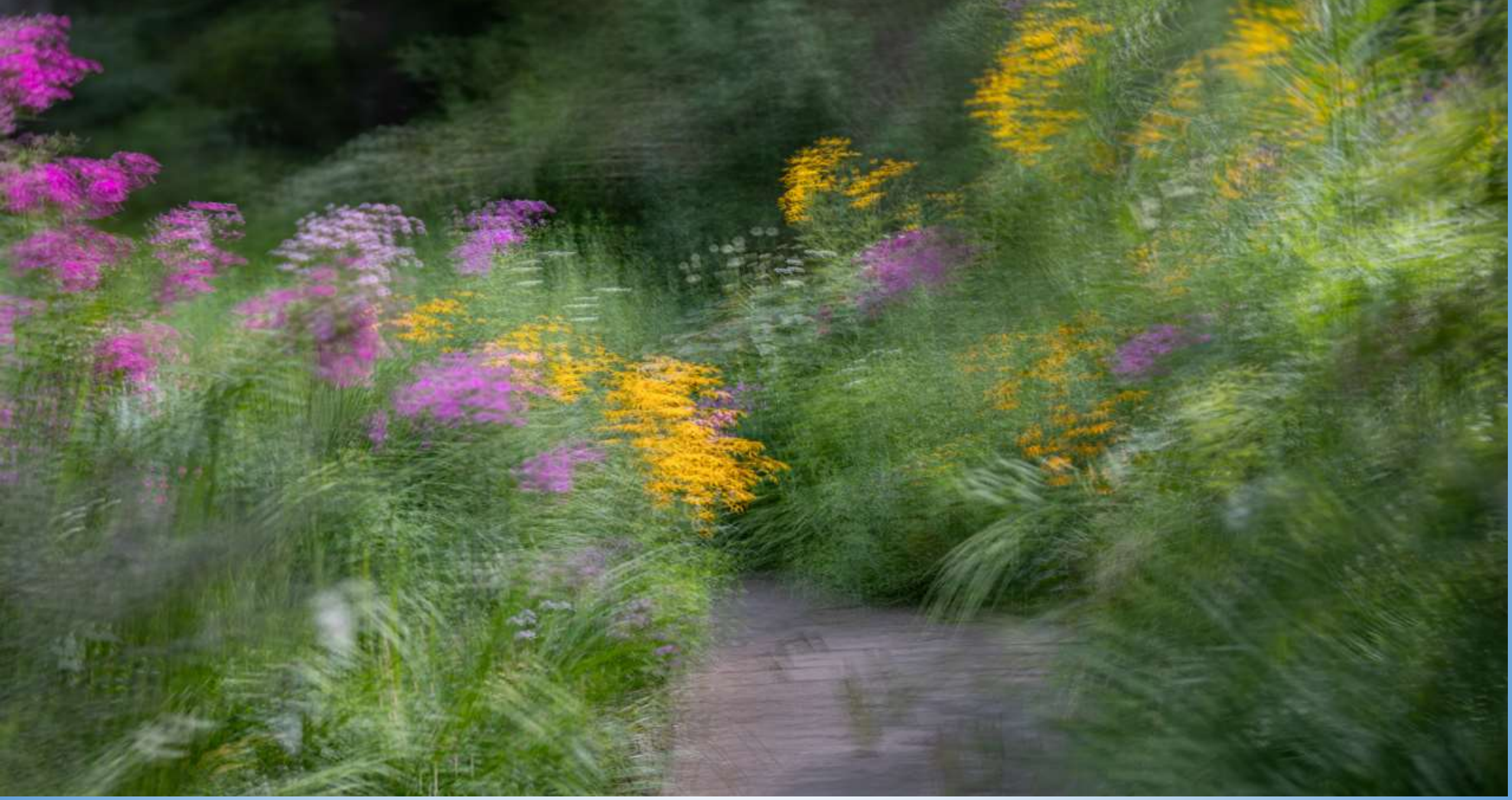


ISO 200, 1/400 sec, 28 mm with Lensbaby



ISO 125, 1/320 sec, Lensbaby Velvet 85

Multiple Exposure Zoom

- Focus on center flower (or subject) at 70 or 105mm, depending on lens
- Zoom out, focus again, take the shot
- Continue zooming out for each successive shot (5-7)
- Use a tripod for this!

ISO 400, f/14, 1/320 sec
5 exposures in camera

Multiple Exposure Rotate

- Focus on center – take the shot
- Rotate the camera – focus on center – take the shot
- Keep rotating the camera until you take the desired number of shots (5-7 usually good)

- ISO 400, f/3.5, 1/320 sec
- 5 exposures in camera

Multiple Exposure Rotate and Zoom

- Definitely on a tripod for this technique
- Lens collar is a definite plus
- Or loosen the ball head and rotate
- Focus on a flower – or whatever your subject is – take your shot (105mm?)
- Rotate and zoom out - take your shot
- Repeat until you have your desired number of shots

ISO 200, f/10,
1/40 sec, 40 mm

Try Various Techniques on the Same Scene

Zoom Burst

Rotate and Zoom

Squiggles

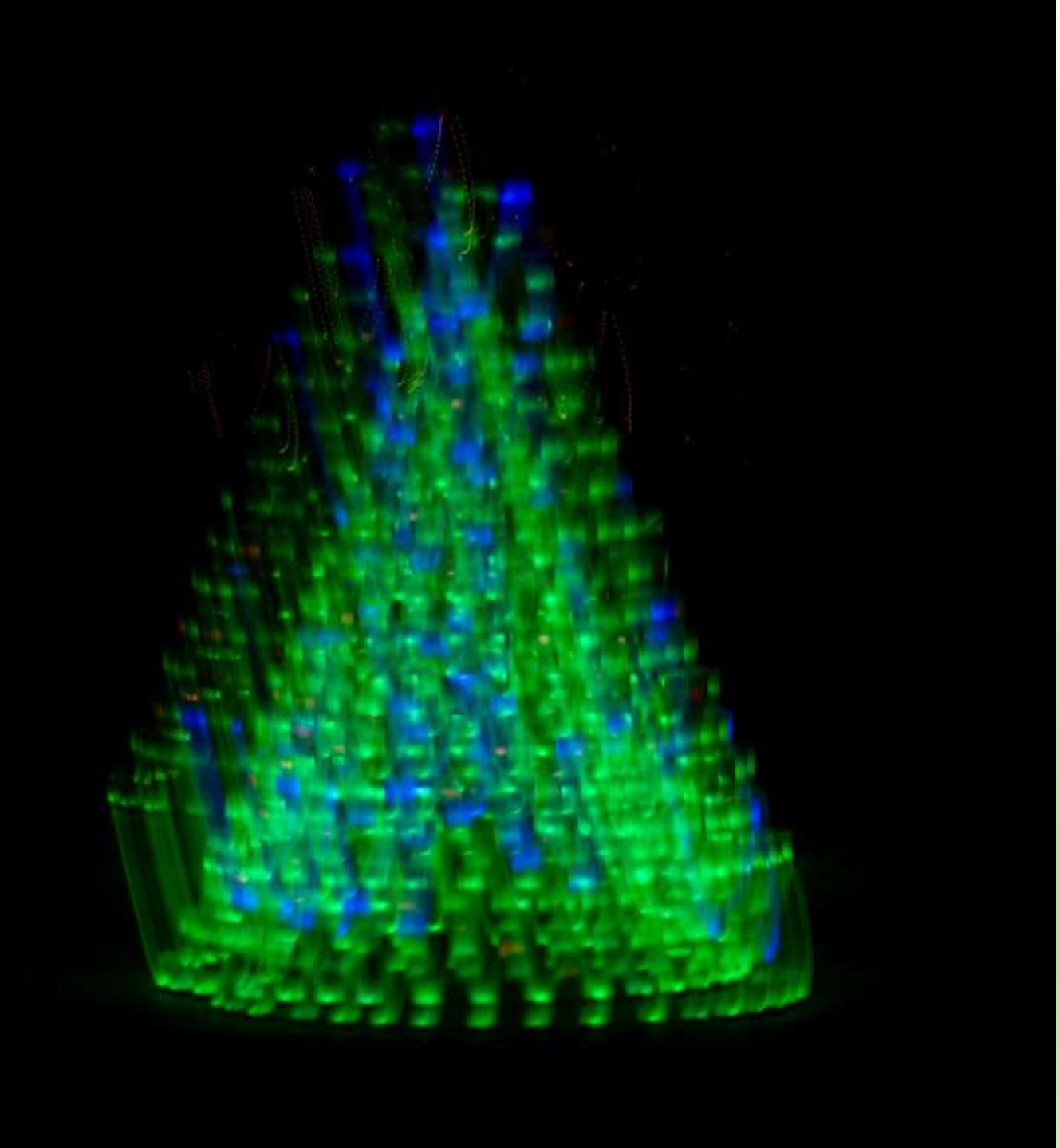
9 Image Multiple - Zoom

Holiday Season

is

Coming Soon!

Fun with Holiday Lights



Some Final Thoughts

- Have Fun and Experiment
- Try different techniques on the same scene
- You will have LOTS of throw-aways!!
- Don’t forget your ND filter during the day
- May be overexposed; you may be able to adjust in post processing

- Be creative – You’re the artist

Resources

- Impressionistic Photography, A Field Guide to Using Your Camera as a Paintbrush, by Charles Needle. charlesneedlephoto.com
- ICM - Intentional Camera Movement Photography
- ICMPhotoMag - ICM Photography Magazine (Group)
- ICMPhotographyLearning
- Stephanie Johnson – stephjohnphoto
- https://digital-photography-school.com/how-to-take-creative-landscape-shots-using-intentional-camera-movement/