
Dr Brett Aggersberg



 [brett_aggersberg](https://www.instagram.com/brett_aggersberg)

Experience

- BSc Multimedia
- MA Visual Communication
- PhD In Fine Art and Photography
- Filmmaking in Industry for 20 years
- Freelance Photographer and Filmmaker
- Adobe Creative Educator
- Societies of International Wildlife & Nature Photographers
- Fellow of The Royal Society of The Arts
- External Examiner
- Member of the Wildlife Trust



SINWP
Society of International
Nature & Wildlife Photographers

What's My Practice?

brett_aggersberg
Puzzlewood



Liked by matt.jonze and 74 others
brett_aggersberg MADE IN THE SHADE coming soon.... more
20 August 2017

brett_aggersberg
Brechfa

Liked by matt.jonze and 23 others
brett_aggersberg Week 30- The Rolling Stones. had an amazing time in Barcelona this week with t
October 2017

brett_aggersberg
Barcelona, Spain



Liked by ioanings and 19 others
brett_aggersberg Coming soon. #rollingstones #no concert #52weekchallenge #weeklychallenge... m

Liked by ioanings and 40 others
brett_aggersberg #moss #branch #brechfa #forest #walking #hiking #carmarthenshire #wales #cymru #outdoors... more
20 August 2017

brett_aggersberg
Brechfa



Liked by matt.jonze and 34 others
brett_aggersberg I'm continuing my 52 week photography challenge with an exploration of Brechfa Forest in... more
20 August 2017

Liked by aggersberg and 22 others
brett_aggersberg #52weekchallenge #weeklychallenge #lakedistrict #photography #landscape #hiking... more
13 August 2017

brett_aggersberg
Lake District



Liked by aggersberg and 16 others
brett_aggersberg This week is a look at the beautiful Lake District, which I fell in love with last month, whilst... more
13 August 2017































Portfolio Samples



3.2s, ISO 200



3.2s, ISO 200, f.9-11?, 7.5mm



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© Brett Aggersberg 3.2s, ISO 200, f.9-11?



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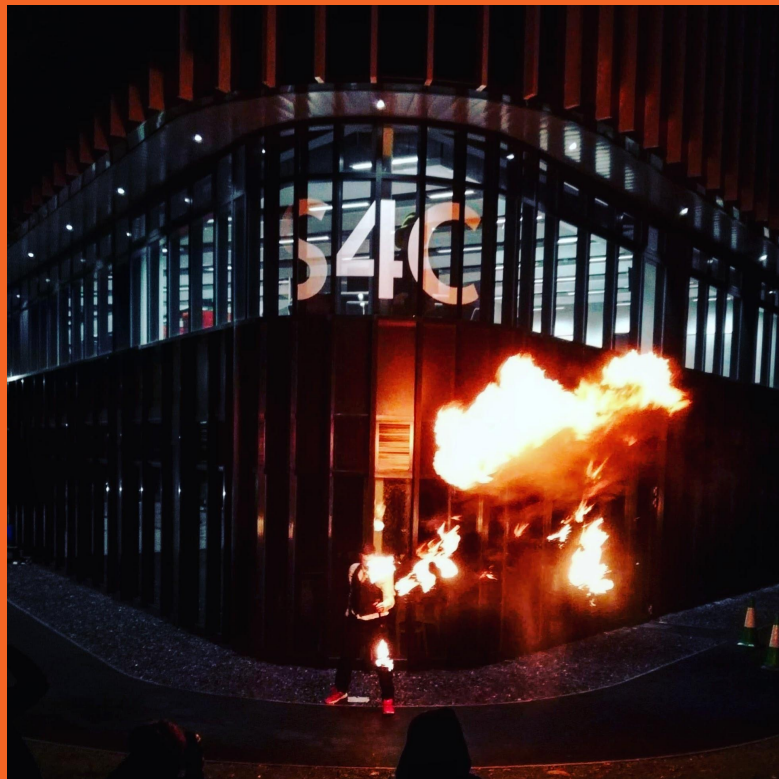
10s, ISO 200, f.13, 25mm



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Photographing Firespinning

A Guide



What is Firespinning?

Controlled burning on Poi's, swords, and other objects that are spun or moved in a performative manner.

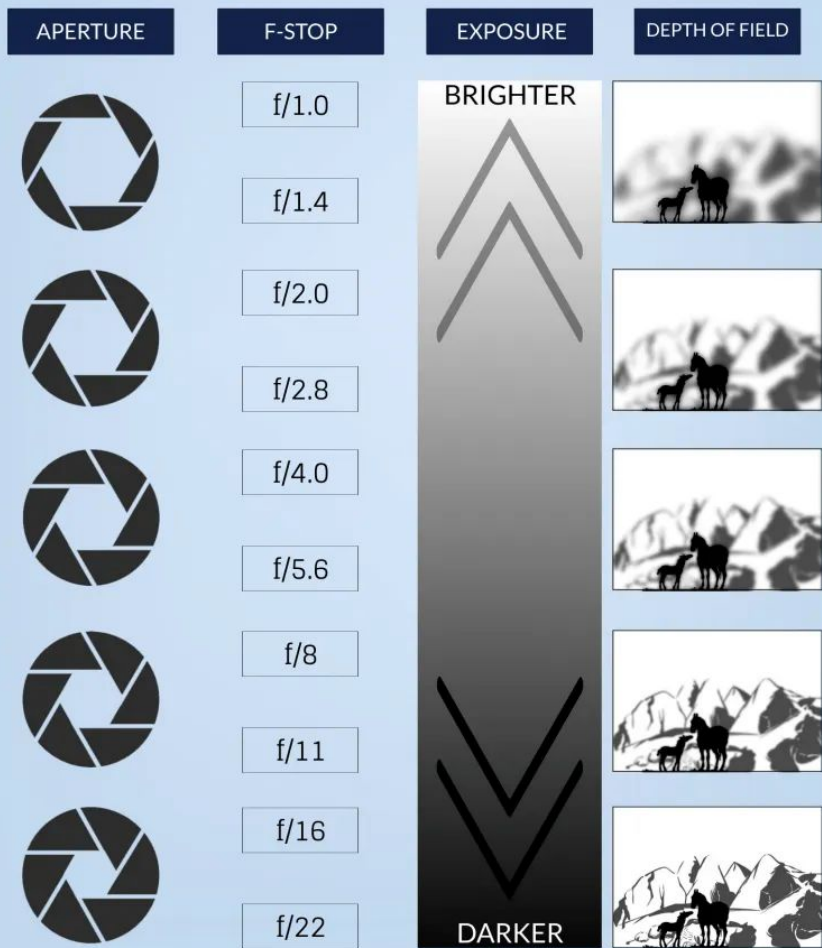
Smoke Bombs can also be used for dramatic effect.



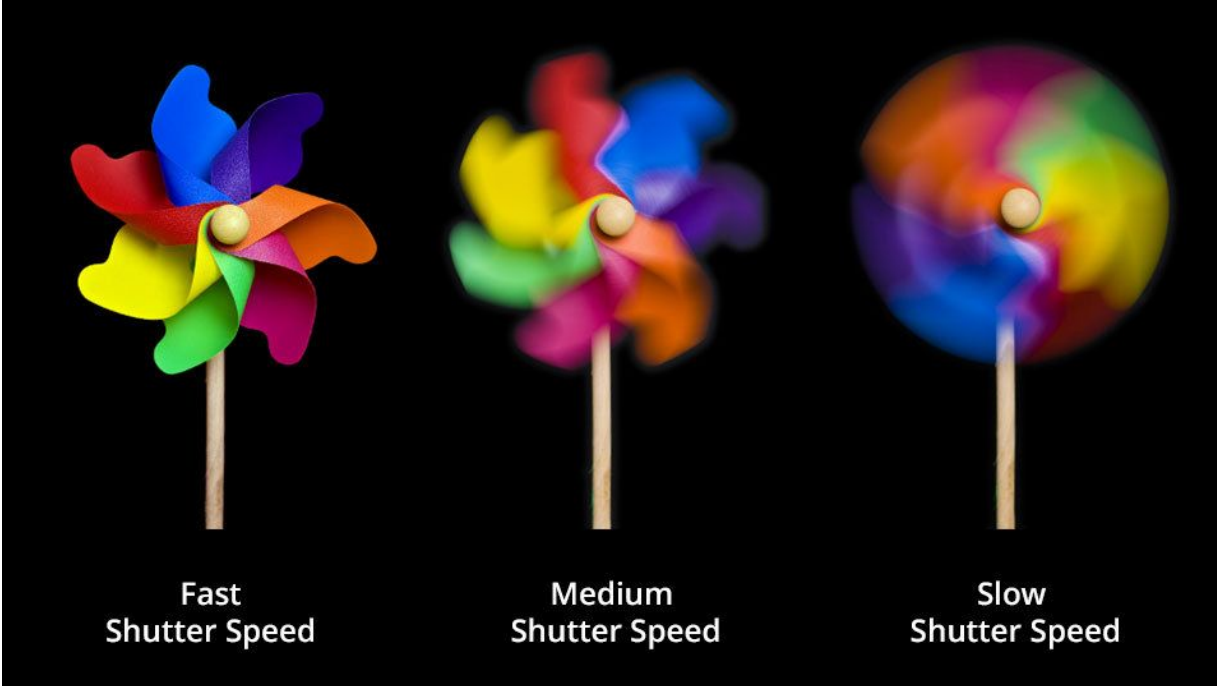
Photography Skills

How to...

F-Stop Chart

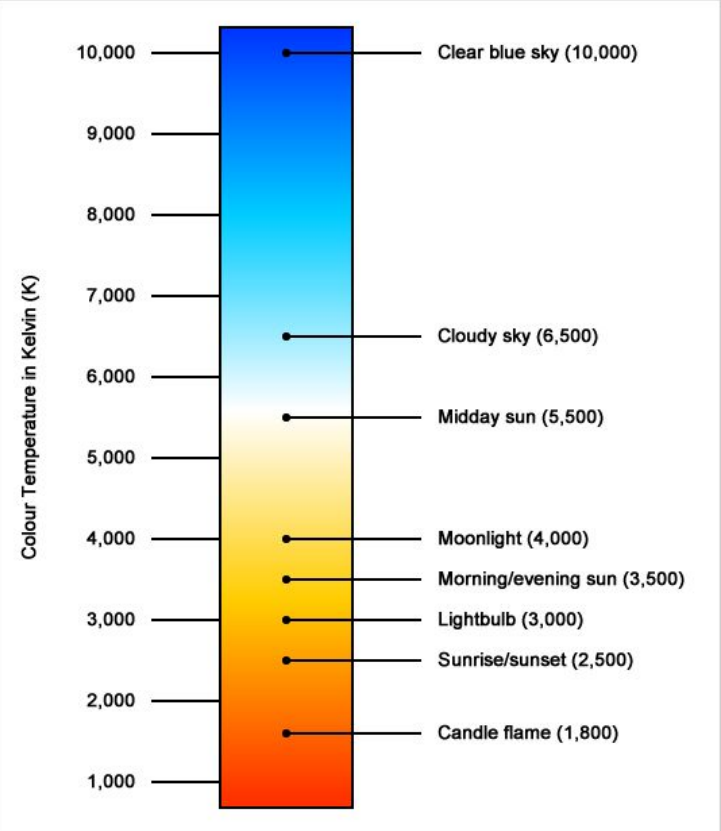


How to...



no worries				be careful		use tripod						
1/2000 s	1/1000 s	1/500 s	1/250 s	1/125 s	1/60 s	1/30 s	1/15 s	1/8 s	1/4 s	1/2 s	1/3 s	30 seconds (and beyond)
				■	■	■	■	■	■	■	■	■
bright outdoors				outdoor/indoor			indoor/night				camera+ extended range	

How to...



How to...

Put your camera on a tripod, and set your exposure using **manual mode**. Aim for a shutter speed of around eight to 15 seconds (10 is about right for most of the actions)– there's no harm in underexposing the background for dramatic effect (I find the steel wool burns for about ten seconds).



by Aggersberg

How to...

Set your camera to manual focus, focus on the person doing the steel wool spinning, and use a small aperture (f8-16: f11 is about right for most cameras) to compensate for any focusing errors. As this is a kind of landscape photo you'll no doubt want the entire scene in focus anyway.



st Aggersberg

How to...

Set your focus manually using a light shone on or held by the performer. You can use auto- but it must be locked once set. The depth of field caused by f11 will help you with focus.



How to...

Shoot Raw so you can make fine adjustments to colour temperature and exposure in post-processing. In the meantime, set white balance to daylight – that will help the camera record the colours accurately.



st Aggersberg

How to...

- Set up in daylight;
- Start shooting in twilight (blue hour);
- Check your images and experiment with length of exposure.



Firespinning Samples









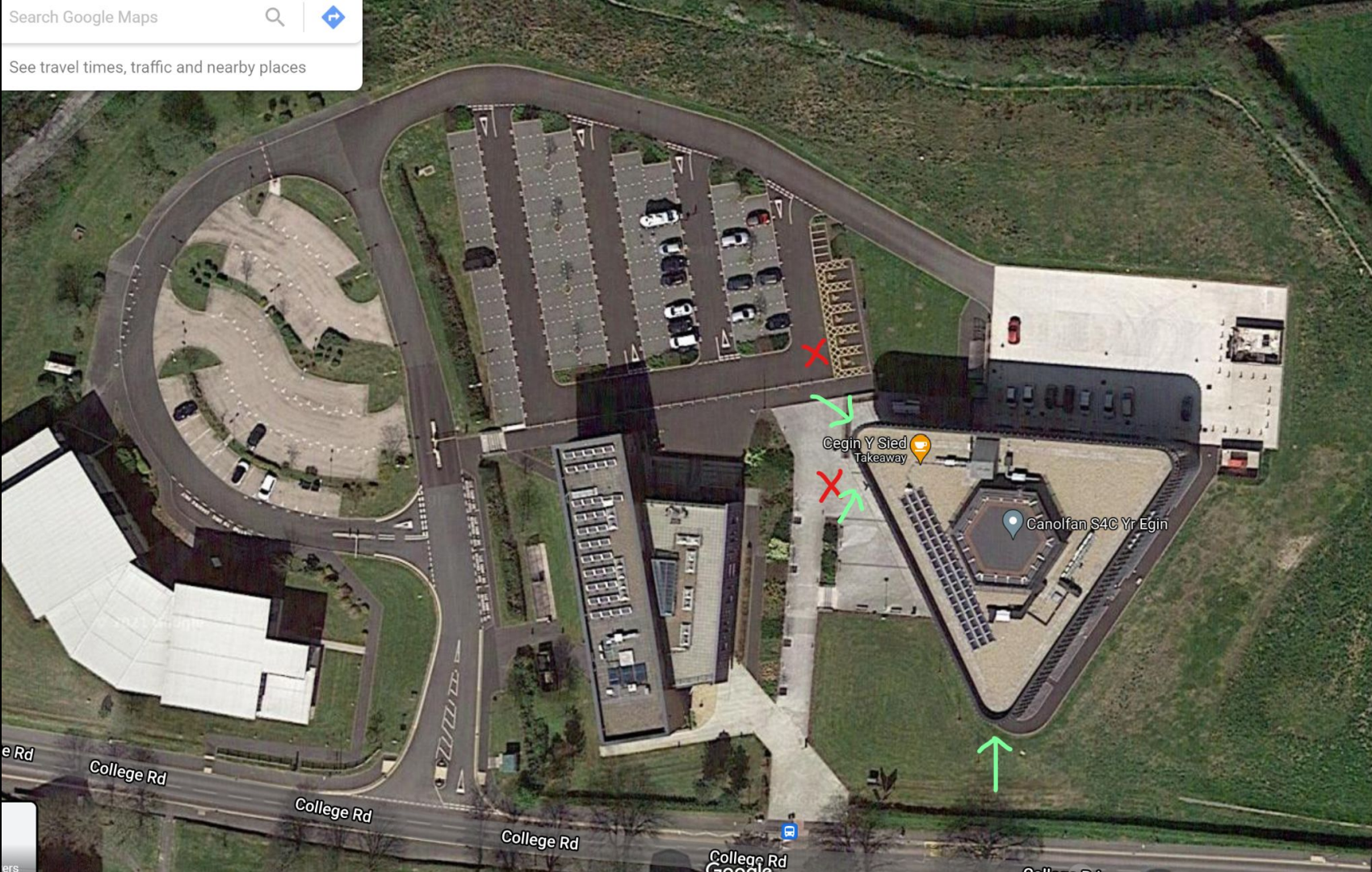








The Plan



Sat 25 Sep

18° 15°

Sunrise: 07:07
Sunset: 19:10



Saturday at

07:00	10:00	13:00	16:00	19:00	22:00
 MIST					
Chance of precipitation					
20%	40%	20%	10%	10%	10%
Temperature °C ▾					
15°	17°	18°	18°	17°	16°
Feels like temperature (°C)					
15°	16°	17°	17°	16°	15°
Wind direction and speed mph ▾					
► SSE 5	► SSE 8	▲ S 9	▲ S 10	► SSE 8	▲ S 8
Wind gust (mph)					
9	14	18	18	12	13
Visibility description ▾					
P	G	VG	VG	VG	G
Humidity					
98%	91%	83%	81%	87%	92%
UV					
-	1	3	1	1	-

Participant PEMBROKESHIRE FIRE	HEALTH & SAFETY Risk Assessment	Department
SPINNERS Frenetic Engineering		

Activity	Fire Performance – Generic Fire Show & Meet & Greet
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Description of operation					
Manipulation of fire props – clubs, poi, staffs, hula hoop and other props Dancing Fire Eating & Body Burning Use of Fire Pots					
Who is affected by this operation?					
Staff	Students	Public	*	Pregnant Women	The performer *

Description of hazards / risks	Likelihood	Severity	Risk Factor	Risk (before precautions have been taken)
1) Burning one's self or other performer	2	3	6	LOW - Unlikely
2) Dropping fire prop	3	3	9	MEDIUM - May Occur
3) Setting fire to venue/décor/costume/public	1	6	6	LOW - Very Unlikely
4) Crazed audience member running into flames	1	4	4	LOW - Very Unlikely
5) Exploding fuel container	1	4	4	LOW - Very Unlikely
6) Equipment failure	2	4	8	MEDIUM - Unlikely
7) Performer slipping on stage	3	2	6	LOW - May Occur
8) Fire pots burning performer or member of public	1	4	4	LOW - Very Unlikely
9) Performer receiving physical injury through physical performance/dance	3	3	9	MEDIUM – May Occur

Recommended precautions	
- Wet towels present during performance in case of catching one's self alight and for putting out fire pots - Wearing appropriate costume that is fire proofed and cannot become tangled in equipment - Any materials used for decoration are treated with fire-proofing (booker's responsibility) - Water fire extinguisher(s) available to stewards(booker to provide) - Booker to provide steward(s) at the perimeter of performance area with water fire extinguishers and trained in the use of them. - Performers and all fire a safe distance from public access. - No audience participation - Fuel stored in container with a secure lid - always away from open flames and public access - Public to be a safe distance from fire (3 m) – booker to provide barriers/hazard tape where necessary - Fire pots to be safe distance from audience and performers – performers trained in safe use of fire pots - Fire performers are trained in use of their equipment so this activity is very safe and accidents are very unlikely. - Fire performers are trained in extinguishing flame and emergency procedure - Fire performers are trained in safe dipping station rules. - No open flames near the fuel container. - Only small amounts of fuel left out at a time and a safe distance away from flames and the public. - Always replace lid on fuel container. - Keep dipping station away from public access and naked flame - All performers are insured up to £2,000,000 - Booker to provide barriers/hazard tape where necessary - Booker to allocate a safe area near performance area where fire props can be dipped and shaken – the residue of this will evaporate but must be away from public in case of slip hazard - Any performers following the fire performance to be made aware by booker/stage manager there may be a residue of slip hazard (paraffin on the stage) – stage managers to be aware of this and clean/ wipe stage if necessary after performance - All performers to be aware that residue on stage may be slippery – wear appropriate non slip footwear - Booker to provide a lockable/secure room away from public access for storage of fuel. - Where possible performer to wear safety straps on equipment – poi/clubs to reduce possibility of dropping props - Equipment to be visually checked before performance - Performers to be provided warm dry space for warming up/changing and to wait between shows - Performers to warm up appropriate muscle groups before performance	
All involved to be aware of possible hazards and be vigilant at all times.	

Description of hazards / risks	Likelihood	Severity	Risk Factor	Risk (after precautions have been taken)
1) Burning one's self or other performer	1	3	3	LOW – Very Unlikely
2) Dropping fire prop	2	3	6	LOW – Unlikely
3) Setting fire to venue/décor/costume/public	1	6	6	LOW – Very Unlikely
4) Crazed audience member running into flames	1	4	4	LOW – Very Unlikely
5) Exploding fuel container Equipment	1	4	4	LOW – Very Unlikely
6) failure	1	4	4	LOW – Very Unlikely
7) Performer slipping on stage	2	2	4	LOW – Unlikely
8) Fire pots burning performer or member of public	1	4	4	LOW – Very Unlikely
9) Performer receiving physical injury through physical performance/dance	2	3	6	LOW - Unlikely

Details of further action required					
First aid kit including burn specific products to be nearby in case of minor injury.					
Assessed by	Philip WilliamsAnnabelle Holland	Position	Director Director		

Likelihood	1 Very unlikely	2 Unlikely	3 May occur	4 Likely	5 Very likely	6 Will occur
Severity	1 Very minor injury	2 Minor injury	3 Lost time to injury	4 Major injury	5 Single fatality	6 Multiple fatality
Risk Factor 0-6 Low Risk factor above 6 Improve if possible			Risk Factor 7-17 Medium Risk factor above 12 Further action required		Risk Factor 18-36 High Immediate action required	

Multiply Probability x Severity to obtain Risk Factor

This is general Risk Assessment – If we are using other equipment and other disciplines at your request we can provide a more specific version for your tailor made show.

6:30pm start

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pembrokehirefirespinners
