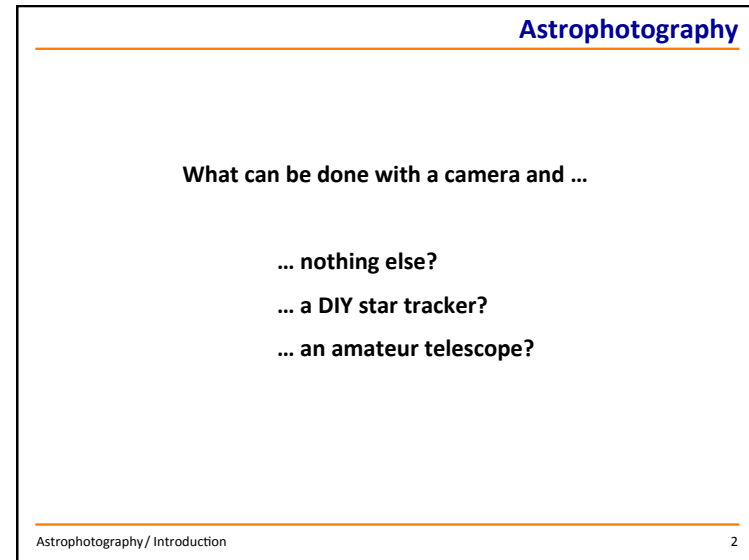
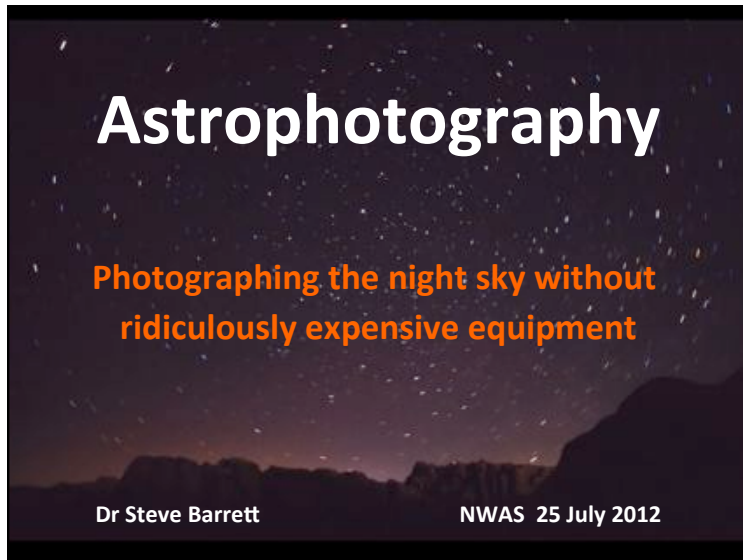
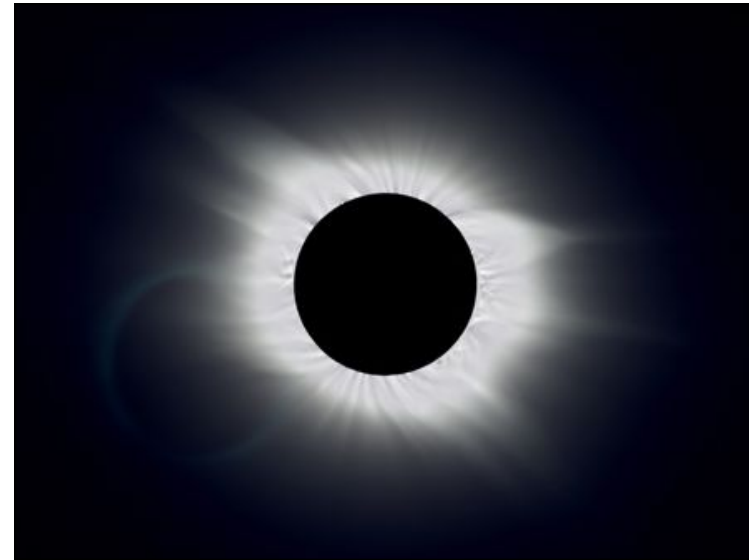
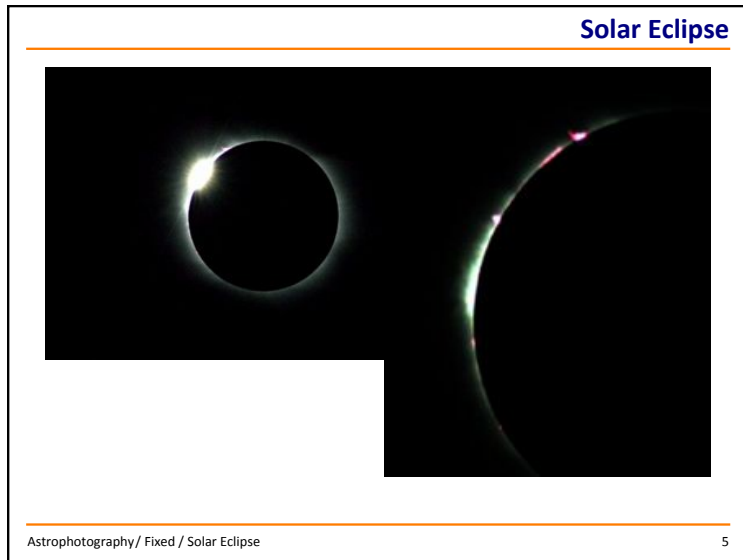


Astrophotography



Astrophotography



Tracking the Stars

How can the sky be photographed without the stars trailing?
Build a device to compensate for the Earth's rotation — a star tracker.

Ideally...	For K2 this means...
Compact	Footprint no larger than A4
Light	Less than 1 kg
Strong	Able to support a digital SLR
Accurate	Exposures of up to 15 minutes
Battery operated	AA batteries
Low power	Run for ~ 6 hours
Cheap	Cost < £50 for all components
Easy to construct	Manual tools (no workshop)

Astrophotography/ Star Tracker 8

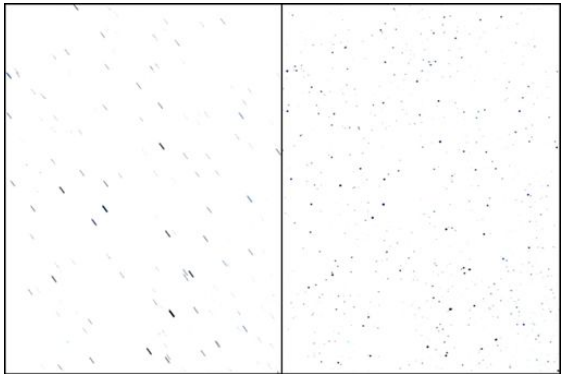
Astrophotography

K2 Star Tracker



Astrophotography/ Star Tracker 9

K2 Star Tracker




K2 off K2 on

Astrophotography/ Star Tracker 10



Telescopes



Astrophotography/ Telescopes 12

Astrophotography



Astrophotography/ Telescopes / Saturn



Astrophotography/ Telescopes / M42 Orion Nebula



Astrophotography/ Telescopes / Piggy-Backing / M45 Pleiades

Astrophotography

Andromeda Galaxy



Astrophotography / Telescopes / Piggy-Backing / M31 Andromeda Galaxy

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Helix Nebula



Astrophotography / Telescopes / Piggy-Backing / C63 Helix Nebula

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Markarian's Chain



Astrophotography

