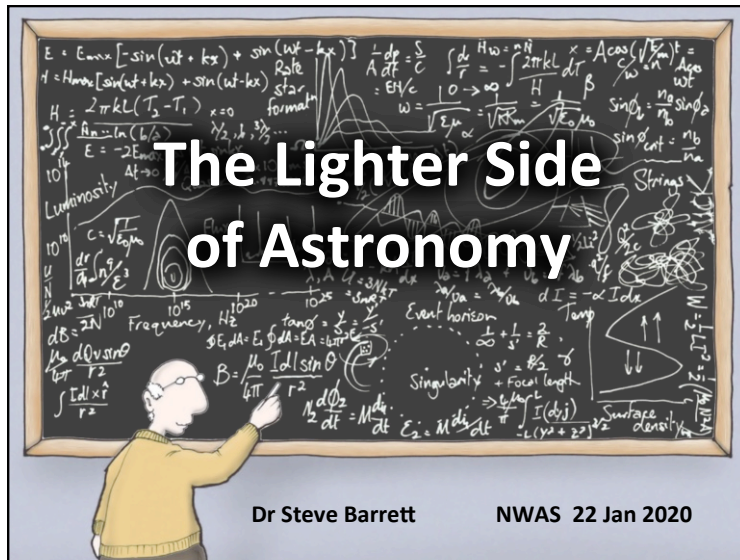


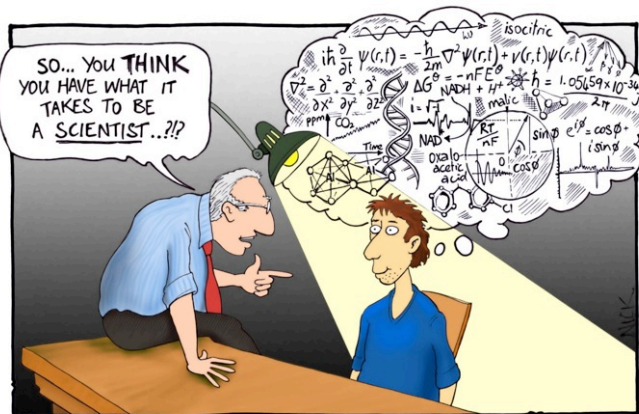
# The Lighter Side of Astronomy



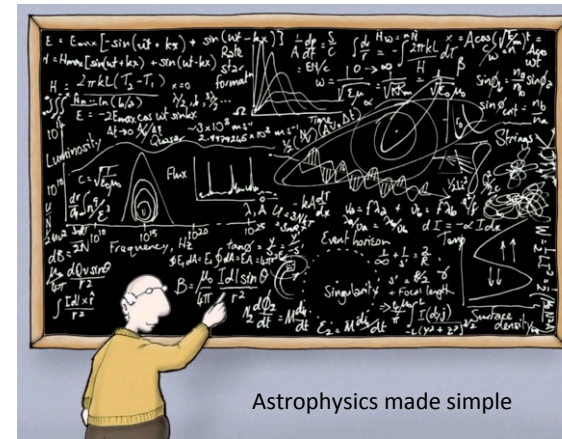
## The Lighter Side of ...

- Astronomers
- Telescopes
- Observatories
- Miscellaneous

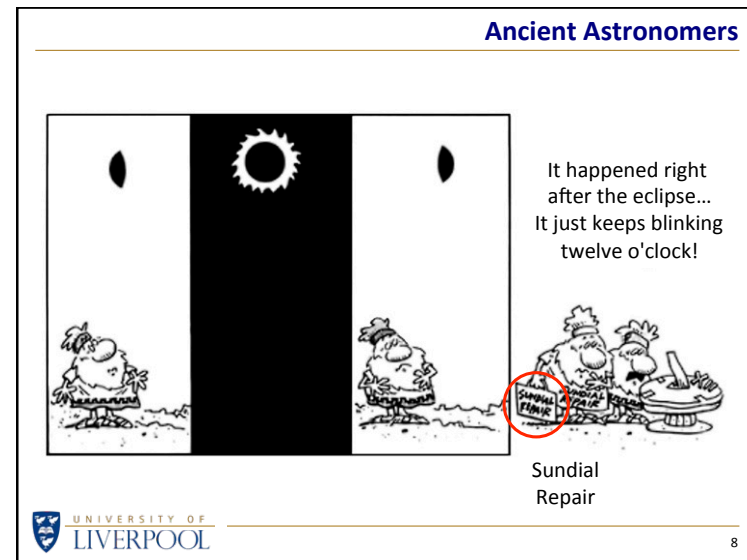
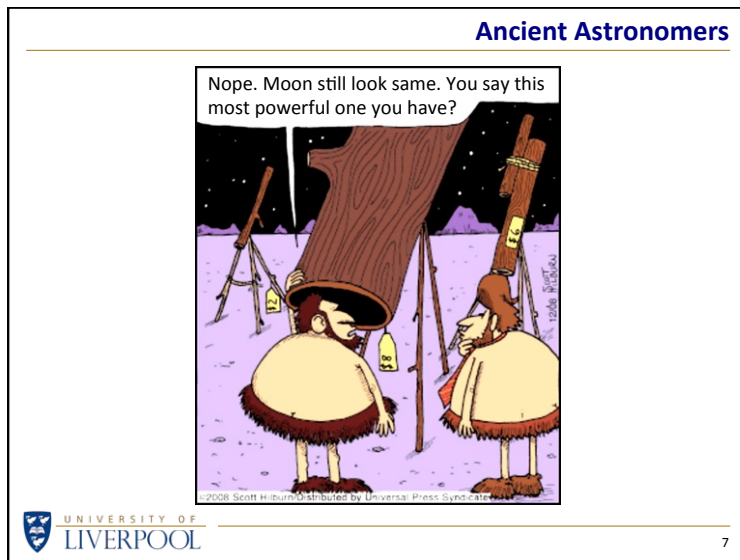
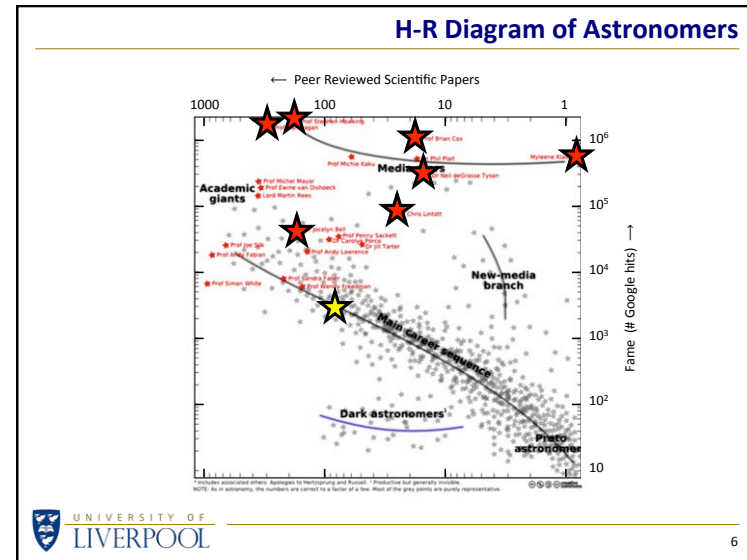
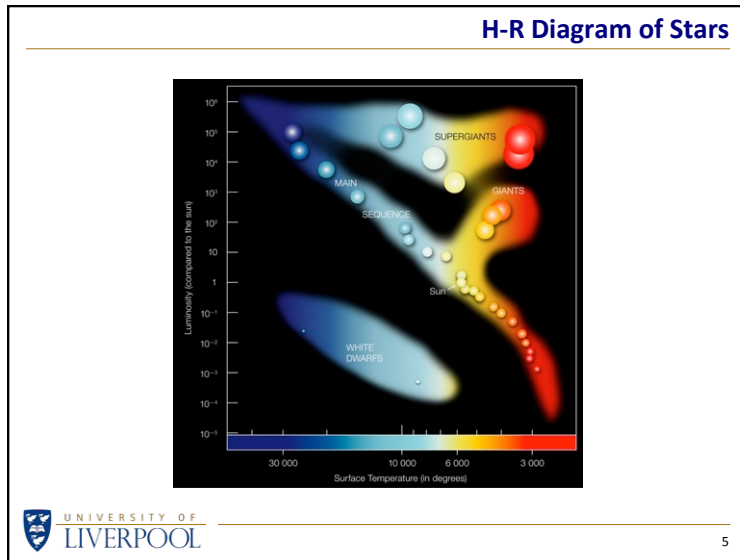
## Some Astronomers Are ... Scientists



## Some Astronomers Are ... Astrophysicists



# The Lighter Side of Astronomy



# The Lighter Side of Astronomy

## Ancient Astronomers



Remember – when summer time ends we have to give everything a slight turn to the left

## Ancient Astronomers

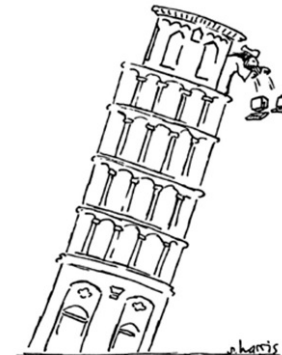


Of course, it's still a complete mystery as to how the ancients even managed to MOVE these massive stones...

## Famous Astronomers



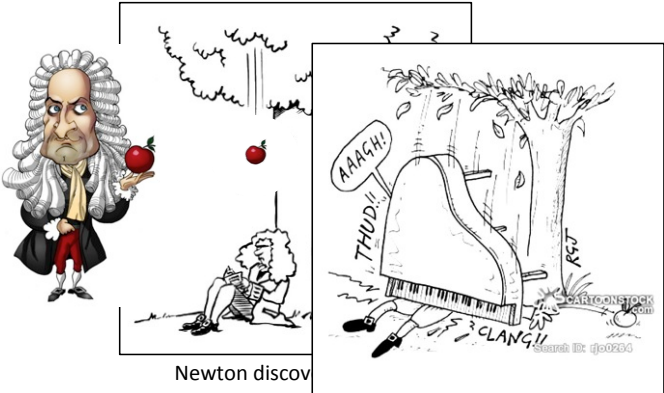
## Galileo



If there were computers in Galileo's time

# The Lighter Side of Astronomy

### Newton




Newton discovers surrealism

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### Sagan



Carl Sagan as a kid

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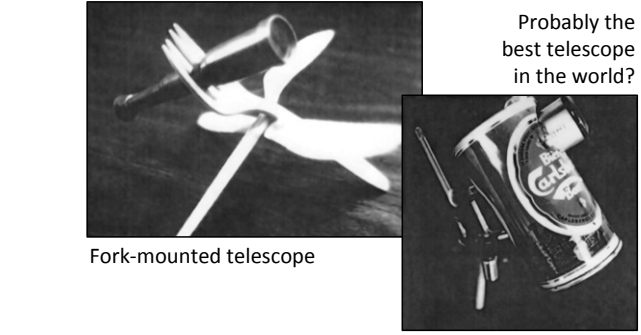
### Making Telescopes



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### Smallest Telescopes



Probably the best telescope in the world?

Fork-mounted telescope

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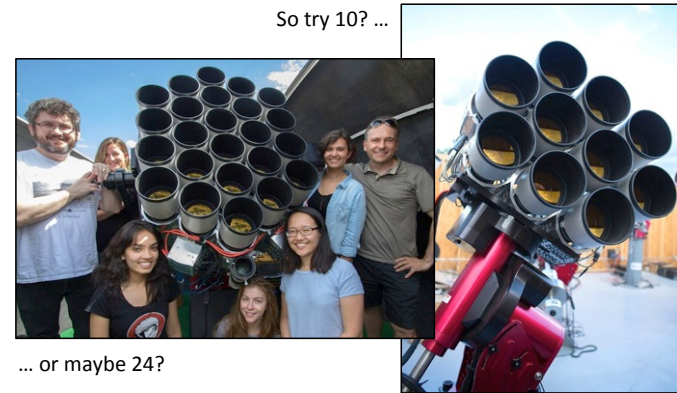
16

# The Lighter Side of Astronomy

### When One Is Not Enough



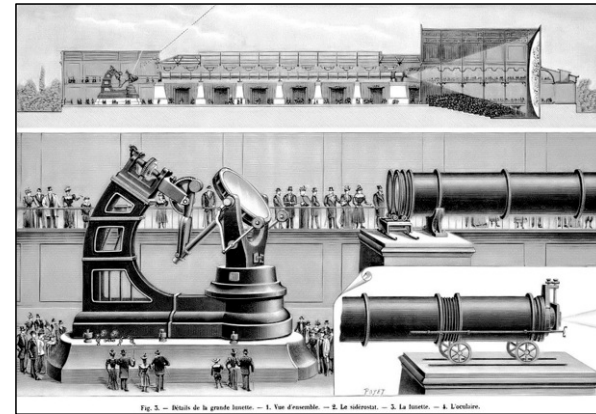
### When Two Is Not Enough



### Size Matters



### Largest Refractor Ever Made



# The Lighter Side of Astronomy

## Great Exhibition Telescope



## Working in Wood



## Craftsmanship



A garden telescope designed by amateur telescope maker Russell Porter.

## Craftsmanship



# The Lighter Side of Astronomy

Astronomy On the Move



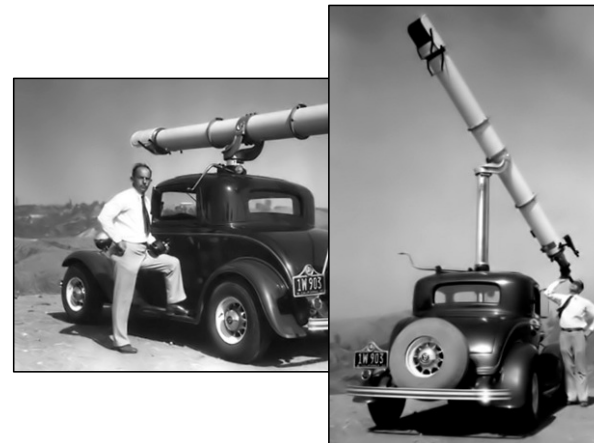
Astronomy On the Move



GoTo Telescope



GoTo Telescope



# The Lighter Side of Astronomy

Tele-Volvo



Tele-747



## Acknowledgements

Astro Bob	<a href="http://astrobob.areavoices.com">astrobob.areavoices.com</a>
Sidney Harris	<a href="http://www.sciencecartoonsplus.com">www.sciencecartoonsplus.com</a>
Scott Hilburn	<a href="http://www.gocomics.com/theargylesweater">www.gocomics.com/theargylesweater</a>
Nick Kim	<a href="http://www.lab-initio.com">www.lab-initio.com</a>
Mike Lester	<a href="http://www.cartoonistgroup.com">www.cartoonistgroup.com</a>
Miscellaneous	<a href="http://clipartfest.com">clipartfest.com</a>
xkcd	<a href="http://www.xkcd.com">www.xkcd.com</a>

**The Lighter Side of Astronomy**

[www.liverpool.ac.uk/~sdb/Talks](http://www.liverpool.ac.uk/~sdb/Talks)

Dr Steve Barrett      NWS 22 Jan 2020