

- Wooheoo, spherical astronomy! :)
- It takes lots of drawing spheres... Lots... and lots... and lots... so let's begin!
- Poles, great circles, small circles, great arcs, small arcs, spherical angles
- Spherical triangles: points, sides, angles
- So what's up with the radius?
- Length of the great circle arc
- Length of the small circle arc
- Terrestrial latitude and longitude:
  - where does the name come from anyway? And which one is which?
  - parallels and meridians; equator and principal meridian
  - measuring latitude and longitude
  - colatitude
  - distance between two cities at the same latitude
  - nautical miles
- Do you remember the planar law of sines, the planar law of cosines?
- Fundamental formula of spherical trigonometry (a.k.a. the cosine formula)
- The sine formula
- Putting it all together