

Proposals:

resource allocation

- telescope / computing time
- funding
- conference talk slots
- jobs

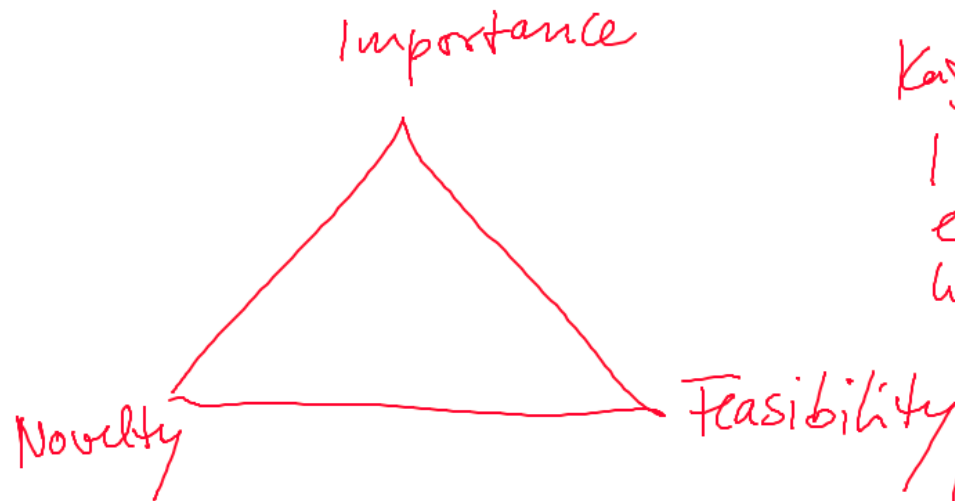
→ scientist writes "proposal"

→ panel of scientists (not necessarily from your subfield) select successful "proposals"

oversubscription factors = $\frac{\text{requested resources}}{\text{available resources}}$

- Hubble observing time: x 7
- ESO ———— LI ———— : x 3-5
- Hubble postdoc fellowships : x 18
- DFG funding for own position: x 4
- conference talk slots: x 2-5
- professor position : x 50-200

Aspects of a good proposal:



Audience: mixed panel

Katja's example:

I want to measure the Helium
escape rate of Neptune-sized exoplanets.
Why?

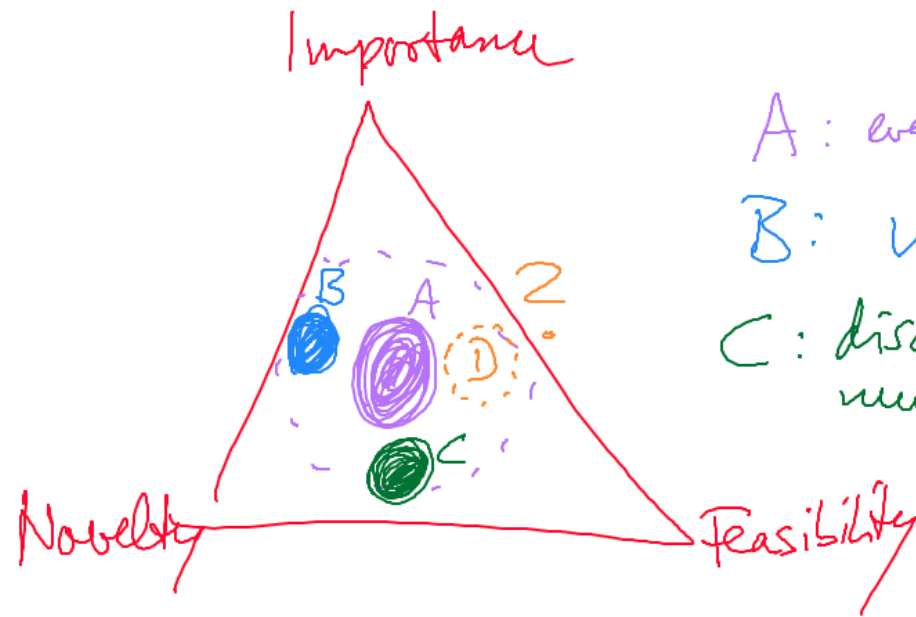
→ He + H main atmo. parts, and
He easier to measure than H.

Why?

→ Earth: had H + He, lost it, got
"habitable atmosphere". Exoplanets?

Why?

→ What's the fraction of exoplanets
that become habitable at some point.



A: evenly positioned

B: ✓ (random events)

C: discovery space of
new missions ✓