

Brown Dwarfs Keep Their Cool

30 Years of
Substellar
Science

1-5 September 2025
La Gomera
Canary Islands
Spain

Round table of BD30 conference

Future directions of substellar science for the next 30 years

- Is there any mass cut off ($1-4 M_{\text{Jup}}$) in the formation of isolated substellar objects?
What does a “young T” dwarf looks like?
- Is the IMF universal beside our solar vicinity or depends on environment?
- When and how we are going to detect the first halo brown dwarf?
- What do we can learn from weather studies of brown dwarfs?
- How many brown dwarfs are we missing in the solar neighborhood ($<5\text{pc}$)?
- Is brown dwarf field going to be absorbed by our “cousins” exoplanets?
- **POLL:** When and how do we will image an Earth-like planet in the Habitable Zone?

Proposals space mission

- Synergies between different space missions: Roman/Euclid/JWST and ground-based facilities (Vera Rubin, ELTs)
- What kind of space missions do “We”(brown dwarf community) really want?
IR Gaia, mid-IR (WISE-like), DUNE/POET...

Potential European funding applications

- ERC Synergy grant: 2-4 PIs in EU Institutions
- MSCA Doctoral Networks: Early researcher training network
- (ERASMUS+: exchanges and training)
- COST actions (>7 COST Full members, >50% Inclusiveness Target countries (Poland, Portugal, Canary Island, Ukraine...))