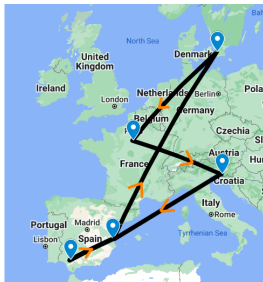


# Antonio Rodríguez Sánchez

Newcomers Fest 2024  
25/11/2024

# My career path



# My research

Relatively broad, but can be summarized as follows

Phenomenology of light quarks at low energies and their interplay with the different fundamental forces

Interplay between strong and electroweak (SM and beyond) interactions, using the Operator Product Expansion and Effective Field Theories

- Hadronic  $\tau$  decays, both within and beyond the Standard Model
- Meson and  $\beta$  decays, especially regarding CP violation
- Hadronic contributions to muon  $g-2$  and related observables
- Impact of heavy new physics: from low energies to the top
- Extra heavy colored fermions, such as leptoquarks and VLQs