



# Spanish and Portuguese Relativity Meeting

## Wednesday 24 July 2024

### Parallel session 12 (Modified Gravity) - Auditorium E10B (16:30 - 18:00)

-Conveners: Session convener: José Béltran-Jimenez

| time  | [id] title  | presenter                   |
|-------|---|-----------------------------|
| 16:30 | [48] Isospectrality and non-birefringence in the effective field theory extension of GR   | CANO, Pablo A.              |
| 16:45 | [79] Static and spherically symmetric vacuum spacetimes with non-expanding principal null directions in $f(R)$ gravity  | GUILABERT MARTINEZ, ALBERTO |
| 17:00 | [61] Perturbations of bimetric gravity on most general spherically symmetric spacetimes   | SOLER OFICIAL, Araceli      |
| 17:15 | [69] On Perturbative Constraints for Vacuum High Order Theories of Gravity  | MOLANO, Daniel              |
| 17:30 | [99] Black holes in Lorentz-violating Gravity   | MAZZA, Jacopo               |
| 17:45 | [108] On the torsion, nonmetricity & gauge invariance in the formulation of the gravitational field equation as an equation of state and in the laws of black hole thermodynamics | MARTÍNEZ LOBO, Jhan Nicolás |