Thesis completed or in progress within the scope of the research team (last 10 years)

1. J.L Rodríguez “Pre- and post-saddle fission dynamics using lead on proton reactions in complete kinematics measurements”, (2015), Univ. de Santiago, Supervisor: J. Benlliure
2. G. Ribeiro, “Studies beyond the neutron drip line using quasifree (p,2p) reactions: the case of 13Be” (2015) Uni. Complutense de Madrid. Supervisor: E. N.cher, O. Tengblad
3. Irene Marroquin, “Estudios de la estructura nuclear de núcleos ex.ticos, los casos del 31Ar y 33Ar" (2018) Univ. Complutense de Madrid. Supervisor: E. Nácher, O. Tengblad
4. J. Díaz “Single-nucleon knockout and total reaction cross sections in medium-mass neutron-rich nuclei”, (2018), Univ. de Santiago, Supervisor: J. Benlliure
5. J.M. Boillos “Quasi-free scattering of light neutron-deficient nuclei” (2019), Universidade de Santiago de Compostela, Supervisor: D. Cortina
6. S. Viñals “β-decay of 8B into highly excited states of 8Be: Isospin mixing and proton-halo contributions” (2020) U. Complutense de Madrid Supervisor: E. Nacher
7. M. Feijoo, “Fission dynamics investigated in inverse kinematics in reactions induced by relativistic 236U projectiles” (2021), Univ. de Santiago, Supervisor: J. Benlliure
8. J. Peñas, “Production of radiotracers for medical imaging using laser-acceleration techniques”, (2023), Univ. de Santiago. Supervisor: J. Benlliure.
9. A. Graña, “Fission of 238U investigated using proton-induced knockout collisions in inverse kinematics”, (2024), Univ. de Santiago. Supervisor: J. Benlliure
10. G. García “Proton-induced fission and spallation reactions in inverse kinematics: insights from CALIFA calorimeter reconstruction”, (2024), Univ. de Santiago, Supervisor: H. Alvarez, D. Cortina
11. 15. A. Coathup “Optimization of a propagation-based phase-contrast imaging system driven by a laser x-ray source”, Un. de Santiago,(2025) Supervisor: J. Benlliure,
12. 16. A. Reijo “In-vitro studies of radiobiological effects with ultra-short particle bunches generated with laser”, Univ. de Santiago, Supervisors: J. Benlliure, M. Seimetz
13. A. Bembibre “Radio-isotope production with laser accelerators”, Univ. de Santiago, Supervisors: J. Benlliure, A. Alejo

Scientific or professional development of graduate doctors.

The training of young researchers in nuclear physics is very complete, as it touches on a wide range of disciplines, (i.e.: particle physics, astrophysics, electronics, engineering, computing etc.), our PhD students have the opportunity to widen their scientific expertise. They work in well-defined projects that can be completed in the time-span of a doctorate. They have the opportunity to travel to international laboratories and work in important international collaboration within interdisciplinary teams. As a result, our students develop an excellent range of transferable skills, i.e.: general problem-solving abilities needed in management and industry, mathematical and computer skills, engineering expertise and what is fundamental, the ability to work in a team. Indeed, many of our former students have continued in research
after their PhD, and the others occupy responsibility posts in private companies.

- José Antonio Briz Monago (2013): Assistant lecturer at Uni. Complutense de Madrid
- Guillermo Ribeiro Gim.nez (2015): Senior Data Scientist at TOMTOM, Madrid
- José Luis Rodríguez S.nchez (2015): Ram.n y Cajal researcher at Univ. de Coru.a
- Javier Díaz Cortés (2018): data science manager at Inditex (Coru.a).
- Irene Marroqui Alonso (2018): Teaching Assistant at CEU Madrid
- José Manuel Boillos Betete (2019): high-school teaching
- Silvia Viñals (2020), high-school teacher
- Manuel Feijoo Rodr.guez (2021): high-school teaching.
- Juan Peñas Nadales (2023), chief technology officer at Neutrons Insight S.L.
- Antía Graña González (2024), postdoctoral position at CEA, France
- Gabriel García Giménez (2024), postdoc at Berkeley National Laboratory, USA