Jorge Maestre Heredia is doctor in mechanical engineering and researcher, specialized in Beam Intercepting Devices applied to fusion technologies. His career has been strongly connected to large international scientific infrastructures, particularly through his work at CERN, where he contributed within the Engineering Department and the Sources, Targets & Collimator group, gaining experience in high-power particle accelerator environments, thermo-mechanical analysis, and complex target systems. He later joined the IFMIF-DONES, becoming deeply involved in the development of the lithium target and lithium loop systems for the future fusion-materials irradiation facility. As coordinator of Lithium Systems, his work has focused on thermo-hydraulic and structural analyses, safety and diagnostics strategies, engineering coordination, and the integration between accelerator and lithium systems. In parallel, he has actively participated in several national and international R&D initiatives related to fusion technology and neutron irradiation systems, including EUROfusion, collaborating in multidisciplinary teams dedicated to advancing materials testing capabilities and next-generation fusion reactor technologies.