2nd INFN School and Workshop on "High Power Lasers for Fundamental Science and Applications" (HPLA2025)



Contribution ID: 244 Type: Oral

FANTIN: Mechanical Solutions for Big Science

Wednesday 19 November 2025 12:20 (15 minutes)

The history of Fantini Sud is an example of an Italian company contributing significantly to pioneering research, integrating industry and science in a shared commitment to research, innovation, and knowledge. Over the years, we have achieved expertise in mechanical manufacturing, in the production of large vacuum chambers, and in many other customized products. It's been a development journey driven by passion and commitment, which has allowed us to collaborate with leading European laboratories. Participating in large-scale technological projects signified a qualitative step innovation for us. We have improved our internal processes, obtained certifications and increased our international presence. Thanks to our in-house production and design capabilities, we can manage prototypes, small series and highly complex research projects. Founded in 1998, Fantini Sud's research division immediately had a special vocation: To create mechanical solutions for scientific challenges. From its early collaborations with the Gran Sasso Laboratories (INFN), such as the OPERA experiment, to more recent European projects, Fantini Sud has combined innovation and precision in the construction of complex equipment.

Author: FANTINI, Francesco (FANTINI SUD SPA)

Presenter: FANTINI, Francesco (FANTINI SUD SPA)

Session Classification: Sponsors Session