CV of Pierluigi Andreoli

First name	*Pierluigi*	Surname	*Andreoli*
e-mail			

CV

Date of birth:
Nationality: Italian

Working experience:
Employment at ENEA, CR Frascati, ABC Laboratory | From 1986 to 2024 june 30
Main activities: ABC laser and diagnostic chief operating officer. Coordinator of the experimental and operating procedure of the ABC laser facility. Coordinator of the ABC laser facility maintenance. Strong experience in operations with optical equipment and with advanced plasma and particle diagnostics at the ABC facility and international user facilities for inertial confinement fusion experiments. Strong experience in experiments for the study of the interaction of high-power lasers with porous materials. Strong experience in working in complex experimental setups and in scientific groups involving a large number of collaborators.

Education:
Mechanical-engineering technician | 1980
Technical Institute (ITIS Galileo Galilei, Latina, Italy)
Civilian and industrial electrical systems Engineering Technician | 1982
LSO (Laser Safety Officer) qualification [TSL (Tecnico Sicurezza Laser)] | 2016

Publications:
- M. Cipriani, ..., P. Andreoli, "Time-Dependent Measurement of High-Power Laser Light Reflection by Low-Z Foam Plasma", High Pow Laser Sci Eng 9, e40 (2021).
- M. Cipriani, ..., P. Andreoli, "Hydrodynamics and Transport Processes in Porous Materials under Terawatt Laser Irradiation", J. Inst. 15, C10003 (2020).
- M. Salvadori, ..., P. Andreoli, "Laser Irradiated Foam Targets: Absorption and Radiative Properties", EPJ Web of Conferences 167, 05003 (2018).
- M. Cipriani, ..., P. Andreoli, "Laser-Supported Hydrothermal Wave in Low-Dense Porous Substance", Laser Part. Beams 36, 121 (2018).
- M. Cipriani, ..., P. Andreoli, "Laser-Driven Hydrothermal Wave Speed in Low-Z Foam of Overcritical Density", Physics of Plasmas 25, 092704 (2018).

Consent to the processing of personal data

With reference to the personal data, I am providing herein, I declare that I have read and understood the personal data protection policy described in the document "Personal Data Protection Policy" attached to the Call "CfP-FSD-AWP24-ENR-03" and that I consent to the processing of such data for the purposes and within the terms indicated therein.

Data 2024 november 22

Signature of CV author