



Dr. Gian Piero Gallerano

ENEA-Frascati

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Brief Biography

2009 – Head of the Laser and Accelerator Section at ENEA

2008 – 2009 Bilateral project THz-ARTE between ENEA-Frascati and NICT-Tokyo.

2005 – 2007 Scientist in charge for ENEA in the European project EUROFEL: Design Study of UV to soft X-ray FELs.

2004 – 2008 Scientist in charge for ENEA in the European Coordination Action EMF-NET.

2004 – *Realization of the Compact Advanced THz Source, FEL-CATS (0.4 – 0.7 THz)*

2001 – to present Responsible of the “TERAHERTZ” project at ENEA - Frascati, Italy

2001 – 2004 Coordinator of the European project THz-BRIDGE in the frame of the “Quality of Life” program: Study of the interaction of THz radiation with biological systems.

1993 – 1996 Scientist in charge for ENEA in the European Network "Infrared FELs: Applications and Technology Development" in the frame of the HCM programme of the EU.

1993 *Realization of the ENEA Compact FEL in the spectral range (90 – 150 GHz)*

1991 Visiting Scholar at the Ginzton Laboratory, EE Dept., Stanford University (CA)

1987 – 1990 *Operation of a Far Infrared Cerenkov FEL*

1983 – 1993 Researcher at the High Power Laser Laboratory, ENEA Research Center, Frascati

1981 – Visiting Fellow at the Technical University Hannover, Germany.

Realization of a tunable color center laser in the near infrared.

1980 – Ph.D. degree with honors in Physics from the University of Rome, Italy

Current areas of interest include generation of THz radiation and its application in the biological, biomedical, environmental and art conservation fields, THz imaging techniques, coherent emission from modulated electron beams.

Member of the International Organizing Committee of the Infrared and Millimeter Wave & Terahertz Conference since 2005. Member of the Int. Advisory Board Workshop on Infrared Microspectroscopy since 2001. Member of the Italian Physical Society since 1981.