



“ETTORE MAJORANA” FOUNDATION and CENTRE FOR SCIENTIFIC CULTURE
INTERNATIONAL SCHOOL OF QUANTUM ELECTRONICS

56th Course: Matter in Super-Intense Laser fields

Erice 12–22 July 2015

DIRECTOR OF THE CENTRE: A. ZICHICHI
DIRECTORS OF THE SCHOOL: A.N. CHESTER - S. MARTELLUCCI
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Erice, 26 July 2015

CERTIFICATE

To whom it may concern

We certify that Mr. Harjit Singh Ghothra has presented a poster with title *Magnetic field influenced electron acceleration by chirped laser pulse in vacuum* to the Erice summer school on "Atoms and Plasmas in Super-Intense Fields" in Erice, July 2015.

Ringraziando per la cortese attenzione, porgiamo cordiali saluti

I Direttori del Corso di Erice

Dimitri Batani

Matteo Passoni

International School of Quantum Electronics: • Physical and Technical Measurements with Lasers - 1971 • Non-linear Optics and Short Pulses - 1972 • Laser Frontiers Short: Wavelengths and High Power -1973 • Cooperative Phenomena in Multi-component Systems - 1974 • Molecular Spectroscopy and Photochemistry with Laser - 1975 • Physics and Technology of Free Electron Lasers-1980 • Integrated Optics Physics and Applications - 1981 • Analytical Laser Spectroscopy - 1982 • Laser Applications to Biology and Medicine - 1983 • Optical Phase Conjugation - 1984 • Progress in Microemulsions - 1985 • Optical Fiber Sensors - 1986 • Laser Science and Technology - 1987 • Nonlinear Optics and Optical Computing - 1988 • Optoelectronics for Environmental Sciences - 1989 • Laser Systems for Photobiology and Photomedicine - 1990 • Phase Transitions in Liquid Crystals -1991 • Laser Applications for Mechanical Industry -1992 • Advances in Integrated Optics - 1993 • Biomedical Optical Instrumentation and Laser-assisted Biotechnology - 1995 • Diffractive Optics and Optical Microsystems - 1996 • Global Automotive Technology Senior Management Briefing - 1997 • Optical Sensors and Microsystems – 1997 • Excimer Laser for Fusion and Industrial Applications - 1997 • Advances in Optoelectronics for Environmental Monitoring - 1998 • Observational Database and Mechanisms of Climate Change - 1998 • Bose-Einstein Condensates and Atom Lasers - 1999 • Laser beam and optics characterization - 2000 • Nanoscale linear and non-linear optics - 2000 • Atoms, solids and plasmas in super-intense laser fields – 2000 • Global Automotive Laser Applications - 2001 • Optical Coatings - 2001 • Free d guided optical beams - 2002 • Quantum Information Processing – 2003 • Spectroscopic techniques for materials, environment and cultural heritage – 2003 • VLSI Photonics -2003 • Optical Chemical Sensors – 2004 • Molecular Physics and Plasmas in Hypersonics - 2005 • Photonics Metamaterials - 2005 • Matter in Super-Intense Laser Fields – 2005 • Matter in Super-Intense Laser Fields – 2006 • Advances on Nanophotonics II - 2007 • *Optical Biosensors and Biochips for Clinical Applications - 2008* • *Atoms and Plasmas in Super-Intense Laser Fields – 2009* • First Mediterranean International Workshop on Photoacoustic & Photothermal Phenomena - 2010

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