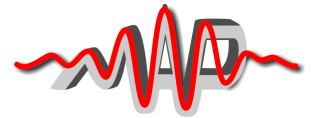




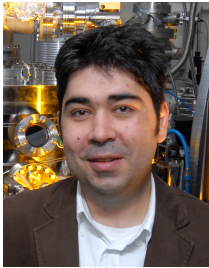
## PRESS-RELEASE

# **Max Planck Institute of Quantum Optics and Munich Centre for Advanced Photonics**



Garching, 30.11.2010

### **ERC Starting Grant for Dr. Eleftherios Goulielmakis**



**Dr. Eleftherios Goulielmakis, a scientist at the Max Planck Institute of Quantum Optics (MPQ) in Garching (Germany), has been selected by the European Research Council as one of recipients of an ERC Starting Grant for the year 2010. ERC Starting Independent Researcher Grants (ERC Starting Grants) aim to “support up-and-coming research leaders who are about to establish or consolidate a proper research team and to start conducting independent research in Europe.” The scheme targets promising researchers who have already demonstrated their high potential of becoming independent research leaders. The grant is meant to support the scientists in the creation of excellent new research teams.**

Dr. Eleftherios Goulielmakis, born in 1975 in Heraklion (Greece), received his B.Sc. and Master's degree from the Physics Department of the University of Crete (Greece), in 2000 and 2002 respectively, and his PhD from the Ludwig-Maximilians-Universität München (LMU), Germany, in 2005. At present he is a scientist in the Division of Attosecond Physics (led by Prof. Ferenc Krausz) at the MPQ. He is one of the project leaders of the Munich-Centre for Advanced Photonics (MAP) as well as an adjunct Professor of Physics at Pohang University of Science and Technology (POSTECH) in South Korea. Earlier this year he was awarded the IUPAP young scientist prize in Optics while in 2007 he received the Foteinos Prize of the Academy of Athens.

Dr. Goulielmakis research focus lies in ultrafast science and particularly in the development and application of precision-controlled light pulses in a broad range of the electromagnetic spectrum, from the infrared to the X-rays. Such pulses allow insight into fundamental processes in atoms and molecules with a resolution that is sufficient to ‘frame-freeze’ the ultrafast motion of electrons.

The funded project under the title “**Attoselectronics**” aims to develop and to utilize unique, ultrafast light technologies in order to track and to control the motion of electrons in atoms and in molecules on an attosecond time scale. Such efforts will pave the way to realizing electronics at the nanoscale.

#### **Contact:**

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