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*Oddělení diodově čerpaných laserů, sekce výkonových systémů,
a realizační tým projektu HiLASE
Vás zve na seminář*

Ultrafast and relativistic laser science research

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Recent advances in ultrashort high-power laser technology have prompted the rapid progress of relativistic laser science. High-power femtosecond lasers reaching an output power over 1 PW have been built and being developed in a number of institutes around the world. At Gwangju Institute of Science and Technology (GIST) PW Ti:Sapphire lasers have been developed through the ultrashort quantum beam project, achieving an output of 1.5 PW at 30 fs in 2012. Based on this laser facility Center for Relativistic Laser Science has been launched as a part of Institute for Basic Science established recently to boost basic science in Korea. The research at CoReLS will focus on experimental and theoretical investigations of relativistic laser-matter interactions including attosecond science. In this talk the recent research results and research program at CoReLS will be presented.

***který se bude konat dne 28.2.2013 od 10:00
v přednáškové místnosti „akvárium“ v 1. patře
Ústavu Informatiky AV ČR, v.v.i.***