

XXXI ECLIM

First Announcement

31st European Conference on Laser Interaction with Matter

**September 6-10, 2010
Budapest, Danubius Hotel Gellért
Hungary**



Dear Colleagues,
we are pleased to invite you to participate at the

XXXI European Conference on Laser Interaction with Matter
to be held in Budapest, Hungary, September 6-10, 2010.

The conference continues a traditional series of meetings that started in Frascati, Italy (1966). Recent conferences were held in Moscow (2002), Rome (2004) Madrid (2006) and Darmstadt (2008). This time we are looking forward to hosting you in Budapest, Hungary, on the bank of the river Danube, in the prestigious spa Hotel Gellért. We hope that in the year of the 50th anniversary of the discovery of lasers it will be a good opportunity to assemble and to exchange ideas in the country where the attosecond facility of the ELI laser will be constructed.

The main topics of the conference include:

- High Power Lasers and Ignition Facilities
- Inertial Fusion Energy, Including Fast Ignition
- Hot-Dense Plasma Atomic Processes
- Interactions with Ultrashort Laser Pulses, Attophysics
- Diagnostics
- Equation of State
- Hydrodynamics and Instabilities
- Laser- and Ion Beam Interaction with Matter
- Laboratory Astrophysics
- Novel X-ray and EUV Sources, X-ray Lasers
- Laser Acceleration, Nuclear and Particle Physics with Ultra Intense Lasers
- Innovative Laser Systems, Short-Pulse Lasers

- **Special sessions will be devoted to ELI-related activities.**

More detailed information on scientific topics and the conference organization of XXXI ECLIM is available under the following webpage:

<http://top-congress.hu/2010/eclim>

Important Deadlines:

- Early registration: June 30, 2010 (reduced fee 310,00 EUR)
Regular registration fee: 360,00 EUR
- Abstract submission June 30, 2010

With best regards,

István Földes
(Chairman of ECLIM 2010)