

First Announcement

The 10th Direct Drive and Fast Ignition Workshop

May 27-30, 2012

Prague, Czech Republic

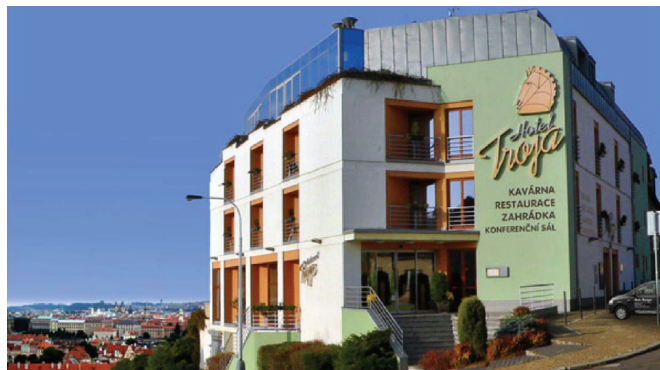
sponsored by
the European Science Foundation through Research Networking Programme
“SILMI” (Super-Intense Laser-Matter Interactions)
and by the Czech Technical University in Prague

The Direct Drive and Fast Ignition Workshop was held in Paris 2003, Rome 2004, Toledo 2005, Bordeaux 2006, Madrid 2007, Lisbon 2008, Prague 2009, London 2010 and Bruyères-le-Châtel 2011. Traditionally, it provides a unique opportunity for a limited group of European and overseas scientists working in the theory and simulations of inertial confinement fusion to present and discuss in depth their latest work in an informal atmosphere and to discuss the future direction of work in this area. The meeting also addresses prospective methods for producing electron and ion beams with parameters suitable for fast ignition as well as alternate fast ignition methods like shock and impact ignition. Certain novel experiments in the field are usually presented by leading experimentalists and their implications are discussed with the stress on options for future modifications. The benchmarking of simulation codes against experiments and the use of codes in the design and interpretation of experiments are extensively discussed, and thus representatives of the leading user facilities working in this area will be invited to present reviews of their laser facilities and the experiments carried out at them and talks on recent experimental results of particular interest will be accepted.

The meeting will start with a welcome cocktail on the evening of Sunday the May 27th and continue with two and half days of short talks and round table discussions on compression, fast and shock ignition physics, code benchmarking and future experiments. In the afternoon of Wednesday May 30th meeting room will be made available for informal discussions and there will be also an opportunity to visit the PALS laser laboratory which is very near to conference venue.

Venue

The meeting will be held at the Hotel Troja (<http://www.hoteltroja.cz>) Praha 8, Trojská 1, Panorama conference room. The accommodation is reserved in the same place. The special price of double room for single or double occupancy is 1690 CZK/night (approx. 65 EUR, as 1 CZK \approx 25 Euro). Hotel rooms are equipped with private shower and bathroom with shower bath and WC,



direct-dial phone, SAT-TV and radio channel, Internet connection including WiFi. Hotel includes garage, rooms for disabled persons, stylish restaurant, café, summer garden and grill.

The hotel is placed at a convenient place near metropolitan (Metro) station Kobylišy (line C). The hotel is in walking distance from PALS laboratory.

The public transport from Prague airport is via bus No. 119 going from Prague Airport to Dejvická Metro station, then via Metro line A with transfer to line C at the station Muzeum, the public transport ticket can be bought at the airport, duration is approximately 1 hour. The price of transport from the airport by taxi cab of AAA Radiotaxi (recommended company) is approximately 700 CZK. The transport from the principal railway stations Praha-Holešovice and Praha-Hlavní nádraží is directly via Metro line C.

Registration fee

No conference fee will be charged to active participants thanks to the support by the European Science Foundation through Research Networking Programme “SILMI” (Super-Intense Laser-Matter Interactions).

International Programme Committee

S. Atzeni, Università di Roma "La Sapienza", Roma, Italy
D. Batani, CELIA, Université Bordeaux I, France
B. Canaud, CEA, Bruyeres-de-Chatel, France
R. Evans, Imperial College, London, UK
J. Honrubia, ETSI Aeronauticos, Universidad Politecnica de Madrid, Spain
J. Limpouch, FNSPE, Czech Technical University in Prague, Czechia
T. Schlegel, GSI Darmstadt, Germany
V. Tikhonchuk (chair), CELIA, Univ. Bordeaux I, France

Local Organizing Committee

J. Limpouch (chair) - jiri.limpouch@fjfi.cvut.cz
R. Havlíková – radka.havlikova@fjfi.cvut.cz
O. Klimo – ondrej.klimo@fjfi.cvut.cz
V. Picková – veronika.pickova@fjfi.cvut.cz
M. Šiňor – milan.sinor@fjfi.cvut.cz

Web page:

<http://kfe.fjfi.cvut.cz/DDFIW2012/>

Accommodation reservation

Participants are kindly requested to reserve accommodation via e-mail to address hoteltroja@hoteltroja.cz with subject “DDFIW accommodation” so that special price for workshop may be granted. Please, send copy of this e-mail to jiri.limpouch@fjfi.cvut.cz. Please, do not use the online reservation system of the hotel. The deadline for the guaranteed reservation is **April 16**. Please, reserve accommodation by the deadline even in case that you will possibly need some later modification of the arrival or departure date. After the deadline, the availability of the hotel rooms may be limited and eventually, we will have to arrange accommodation in some other hotel near the venue.

Preliminary registration form

The potential participants are kindly requested to fill in the attached registration form. This is not binding.

Preliminary registration form

Name:

Institute:

Preliminary title of talk:

Accompanying person:

Preliminary date of arrival:

Preliminary date of departure:

Other messages to organizers:

Accommodation (if needed) should be reserved via e-mail to **hoteltroja@hoteltroja.cz** with subject “DDFIW accommodation” and with copy to jiri.limpouch@fjfi.cvut.cz by **April 16**.

Please send this form as soon as possible via e-mail to jiri.limpouch@fjfi.cvut.cz, you can skip items that are not known at present. Many thanks in advance to everybody.