

SOFIA07 – First Circular

FOURTH INTERNATIONAL WORKSHOP ON SHAPE PHASE TRANSITIONS AND CRITICAL POINT PHENOMENA IN ATOMIC NUCLEI (SOFIA07)

4-6 October 2007

Sofia, Bulgaria

The Fourth International Workshop on Shape Phase Transitions and Critical Point Phenomena in Atomic Nuclei (Sofia07) will be held in Sofia, Bulgaria, on 4-6 October 2007. It will be jointly organized by the Institute of Nuclear Research and Nuclear Energy (INRNE) of Bulgarian Academy of Sciences and the Faculty of Physics of St. Kliment Ohridski University of Sofia.

SCOPE AND TOPICS

The Workshop is the fourth of this series, started in 2004 in Berkeley, USA and continued in Camerino, Italy (2005), and Athens, Greece (2006). It provides an international forum for presenting and discussing the continuous development of the physics related to shape phase transitions and critical point phenomena in atomic nuclei. The program of the Sofia07 Workshop will cover the most recent advances in the field and the prospects for future studies.

The topics of the Workshop include:

- Novel theoretical developments
- Recent experimental results
- New experimental techniques

The scientific program will consist of invited overview talks and short oral contributions. Following the tradition established in the previous workshops, plenty of time will be devoted to discuss the status results in the field and the perspectives for future research.

WORKSHOP VENUE

The Workshop will be held in Sofia, Bulgaria. Situated in the western part of Bulgaria, Sofia, the capital of Bulgaria, is over a million city located at 550m a.s.l. in the foothills of Vitosha Mountain, which is more than 2000m high. The city, boasting a few thousand-year old remarkable historical background, attracts visitors from all over the world for its lively international atmosphere, historical monuments and museums, and excellent restaurants.

The talks will be given at the University of Sofia, located in the town centre. The Workshop will start on Thursday morning, 4th of October and will end on Saturday, 6th of October 2007.

Sofia Airport provides daily connections to all basic European airports and is located 10 km from the city centre. All participants will be accommodated in downtown hotels in a walking distance from the city centre and the University of Sofia. Detailed information on how to reach Sofia and on the transfer services provided by the Workshop will be given in the second circular.

ACCOMMODATION

Participants in the Workshop will be accommodated in [“Best Western City Hotel-Sofia”](#) in the centre of Sofia. In case of special accommodation or any other arrangements related to your visit in Bulgaria are needed, please contact

Mrs. Maya Kaneva (travel agency Ulpia tours):
mayakaneva@hotmail.com
mobile phone: +359-888415442

Please, note that we have reserved a limited number of rooms on a discount price, which will be booked on first come first get principle, but not later than **15/08/2007**. Usually in this period there is a number of events taking place in Sofia and the hotels in the city are usually fully booked. In a case that the number of rooms is not enough, or in case of late registration, efforts will be done for accommodating participants in nearest available hotels.

LANGUAGE

The official Workshop language is English. No translation facilities will be available.

PARTICIPATION, CONTRIBUTIONS AND ABSTRACTS

Those wishing to attend or interested in receiving the 2nd last announcement are kindly requested to complete the web-based [questionnaire form](#) by **15/07/2007**. From here you will receive an acknowledgement. Please feel free to circulate the present announcement to potentially interested colleagues, in particular young students, who may not yet be on our mailing list. We would like to particularly encourage students and post-docs to participate in the Workshop.

Participants willing to present their recent results during the Workshop are kindly invited to submit a short abstract.

CORRESPONDENCE

Please address all correspondence to:

Sofia07 Workshop,
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The second circular with more detailed information on the program and airport transfers will be sent out by September 2007.

DEADLINES

- **Questionnaire return date:** 15 July 2007
- **Early registration and hotel booking:** 15 August 2007

FEES

A registration fee of **100 Euro** will be collected to cover the rent of the Workshop room and the coffee breaks and the welcome party. Fees have to be paid via bank transfer preferably (the relevant account will be given at the registration web page) or at the beginning of the Workshop upon registration.

WEB PAGE

Updated information on the Workshop can also be found at the Workshop web page

[http:// ntl.inrne.bas.bg/sofia07](http://ntl.inrne.bas.bg/sofia07)

ORGANIZATION

Local Organizing Committee

D. L. Balabanski (co-chair)	INRNE
K. A. Gladnishki (scientific secretary)	U. Sofia
N. Minkov (co-chair)	INRNE
G. Rainovski	U. Sofia
P. Yotov	INRNE