

# **International Balkan School of Nuclear Physics 2016**

*July 10 – 17, 2016, Constanta, Romania*

## **Second circular – UPDATED!**

This is the second circular to announce the **International Balkan School on Nuclear Physics 2016** to be held July 10 – 17, 2016, on the Black Sea coast in the city of Constanta, Romania. This will be the 9<sup>th</sup> edition of the school. Since 1998 the International Balkan School on Nuclear Physics was hosted in turn by different Balkan countries: Istanbul, Turkey (1998), Bodrum, Turkey (2000), Thessaloniki, Greece (2002), Bodrum, Turkey (2004), Brasov, Romania (2006), Troyan, Bulgaria (2008), Adrasan, Turkey (2010) and Blagoevgrad, Bulgaria (2012).

The School aims at bringing together PhD students and young researchers with prominent senior scientists who will lecture on some of the hottest topics of contemporary nuclear physics research. The Balkan School targets students and young researchers from South–Eastern Europe but it is open for attendees from all over the world. The 9<sup>th</sup> edition of the School aims at attracting students in the field by illustrating the latest results and perspectives in nuclear physics at some of the most advanced research infrastructures such as ELI–NP Gamma Beams (Bucharest), ISOLDE (CERN), SPIRAL2 (Caen) and FAIR (Darmstadt).

The program of the school will consist of a series of lectures of 2 hours each. A poster session will be organized for the students.

## **Organizers**

*“Horia Hulubei” National Institute for Physics and Nuclear Engineering, Bucharest*  
*Ovidius University of Constanta*

## **General information**

Topics include, but are not restricted to:

- *Nuclear structure with gamma beams*
- *Low-energy collective modes*
- *Halo nuclei*
- *Nuclear moments and transition probabilities*
- *Isospin symmetry*
- *Structure of exotic nuclei*
- *Nuclear physics at modern experimental facilities*

### **List of invited speakers:**

I. Boztosun (Antalya), A. Bruce (Brighton), C. Fransen (Köln), M. Gai (Connecticut), G. Georgiev (Orsay), A. Krasznahorkay (Debrecen), S. Leoni (Milano), C. Matei (Bucharest), T. Mertzimekis (Athens), B. Mitrica (Bucharest), A. Negret (Bucharest), P. Petkov (Bucharest), P.H. Regan (Surrey), K. Riisager (Aarhus), C. Scholey (Jyvaskyla), V. Werner (Darmstadt)

### **Organizing Committee:**

Calin Alexandru Ur  
Nicolae Marginean  
Mihai Girtu  
Rodica Vladoiu  
Alexandra Olteanu  
Raluca Marginean  
Denise Cringanu  
Constantin Mihai  
Sorin Pascu  
Rares Suvaila  
Rabia Burcu Cakirli  
Laurentiu Serban

### **Venue, attractions**

The Ovidius University of Constanta will host this edition of the school and the lectures will be held in one of the University's conference rooms.

An ancient metropolis and Romania's largest seaport, Constanta has a long history extended over more than 2,500 years. The city, the third largest in Romania, lies on the western coast of the Black Sea, 240 km from Bucharest. Constanta is now an important cultural and economic center, worth exploring for its archaeological treasures and the atmosphere of the old town center. Its historical monuments, ancient ruins, grand Casino, museums and shops, and proximity to beach resorts make it the focal point of Black Sea coast tourism.

Constanta can be reached by train or by plane.

The organizers can assist with the transportation from and to the airport and railway station in Constanta.

**Participants may use shuttles which take them from the Henry Coanda airport directly to the hotel in Constanta. If you intend to use this option, please specify this to the organizers before the end of June, so they can book your seats on time.**

## **Registration and fees**

*Online registration is available at <http://ibsnp2016.nipne.ro>*

The deadline for registration is June 20, 2016.

A fee will be charged covering the cost of lunches and coffee breaks. A limited number of places are available in the student campus (situated near the beach, at 20 minutes walk from the conference site). For those opting to stay at a hotel, the organizers have contacted Megalos Hotel (situated across the University) and a number of rooms are reserved.

As a function of the choice of the accommodation, the fee will be:

- **250 Euro** - for those opting to stay in the campus; it will cover accommodation, breakfast, lunch and coffee breaks
- **175 Euro** - for those opting to stay at a hotel; it will cover lunch and coffee breaks.

The payment of the fee will be made in cash, in lei, by taking into account the exchange rate announced by the Romanian National Bank for the payment date. The current exchange rate is 1 Euro  $\approx$  4,5 lei.

### **Contact:**

- *Secretariat: [ibsnp2016@nipne.ro](mailto:ibsnp2016@nipne.ro)*

*Up-to-date information is available on our website: <http://ibsnp2016.nipne.ro>*