



The Union of the Physicists in Bulgaria
South-West University "Neofit Rilski"



8th International Balkan School on Nuclear Physics
July 3rd – 12th, 2012

Blagoevgrad, Bulgaria

Supported by CERN



SECOND CIRCULAR

The 8th International Balkan School will take place on July 3rd – 12th, 2012 at the foothills of the Rila mountains, at the Bachinovo conference centre of the South-West University "Neofit Rilski", Blagoevgrad, Bulgaria.

It is organized jointly by the Union of the Physicists in Bulgaria and the South-West University "Neofit Rilski" and is supported by CERN.

The school aims at bringing together Ph.D. students and young researchers with prominent senior scientists in the field who lecture on some of the hottest topics of contemporary nuclear physics research.

List of lecturers:

Nicolas Alamanos (CEA Saclay)
Ani Aprahamian (University of Notre Dame)
Faisal Azaiez (IPN Orsay)
Maria Borge (CSIC Madrid)
Angela Bracco (University of Milano)
Jerry Draayer (Louisiana State University and SURA)
Zsolt Fülöp (ATOMKI Debrecen)
Peter Hristov (CERN)
Kiril Ianakiev (LANL)*
Jan Jolie (University of Cologne)
Filip Kondev (ANL)
Magdalena Kowalska (CERN)
Thorsten Kröll (Technical University Darmstadt)
Fabienne Kunne (CERN)
Georgios Lalazissis (University of Thessaloniki)
Marek Lewitowicz (GANIL)
Christoph Scheidenberger (GSI)
Vassilis Vlachoudis (CERN)
Vladimir Melezhik (JINR Dubna)
Nicolae Victor Zamfir (IFIN-HH Bucharest)

* to be confirmed

List of invited seminars:

Ismail Boztosun (Akdeniz University, Antalya)
Georgi Georgiev (CSNSM, CNRS)
Ivan Kojouharov (GSI)
Radomira Lozeva (IPHC, CNRS)
Constantin Mihai (IFIN-HH Bucharest)
Nalan Özkan (Kocaeli University)
Georgi Rainovski (University of Sofia)*
Artemis Spyrou (Michigan State University)
Efstathios Stiliaris (University of Athens)
Deyan Yordanov (CERN)

Program

The School Program of the 8th International Balkan School will cover a broad range of problems. Lectures and seminars will focus on the most recent developments in studies of exotic nuclei and the program is organized to cover the following topics:

- * **Modern aspects of nuclear physics theory**
- * **Methodology of state-of-the-art experiments away from stability**
- * **Highlights of physics away from stability**

A large fraction of it is intended to focus on modern aspects of nuclear physics which are investigated at CERN, e.g. nuclear structure and astrophysics studies done at ISOLDE, neutron physics research related to n-TOF, and phase transitions in nuclear matter related to ALICE and the structure of hadrons at COMPASS.

The Balkan school targets students and young researchers from south-eastern Europe, but it is open for attendees from all over the world.

A few invited seminars (*30 minutes*) on hot topics in the field are included in the program. It will include also student seminars (*15 minutes*) and poster session, such that all participants at the school can present their research. The best three posters will be selected for oral presentation. The students seminars will be selected by the school directors on basis of the submitted abstracts, up to 1 page, containing: title, authors and affiliations.

School website: http://phys.uni-sofia.bg/~balkan8/welcome_2012.html

Registration and accommodation:

The attendance at the school is expected to be around 100 – 120 people. Participants should fill the [registration form](#) available at our website.

The [University conference centre "Bachinovo"](#) provides accommodation in single or double rooms. Limited numbers of rooms are also available in the near-by hotel [Park Bachinovo](#). Accommodation is also possible in the city of Blagoevgrad, which is 3 km away from the conference cite. You are kindly asked to express your preference by filling the respective [accommodation form](#) on our website. Transportation will be arranged from Sofia to the conference place and back on fixed hours on the arrival and departure days of the school. Information will be announced at the School website, after we receive the travel information given in your Accommodation forms.

Participants at the school will pay a School fee which includes: accommodation for nine nights, full board meals, coffee breaks, bus transfer from and to Sofia Airport at fixed hours on July 3rd and July 12th, usage of conference facilities, welcome party, [excursion](#) and conference dinner. The respective prices depend on the hotel and type of room you chose (see also the [accommodation section](#) of the website).

University centre "[Bachinovo](#)"

Students (BA, MS, PhD)* 720 BGN (~360 euro) in a double room**/per person
non-students 920 BGN (~460 euro) in a double room**/per person
accompanying person 750 BGN (~375 euro)

* students obtain discount for the meals from the South-West University
** there is limited number of single rooms at the University Center "Bachinovo" at a rate of 850 BGN (~425 euro) for students and 1050 BGN (~525 euro) for non-students, which will be distributed on the principle first come, first get.

Hotel " Park Bachinovo "	single room	double room/per person
Students (BA, MS, PhD)*	1180 BGN (~590 euro)	900 BGN (~450 euro)
non-students	1380 BGN (~690 euro)	1100 BGN (~550 euro)
accompanying person	-	930 BGN (~465 euro)

* students obtain discount for the meals from the South-West University

Participants who need accommodation in Sofia before or after the school should contact the organizers. There are plenty of [hotels](#) in Sofia. We offer accommodation at the following hotels:

	Dedeman Sofia Princess Hotel	Budapest
single room	110 BGN (~55 euro) per night	100 BGN (~50 euro) per night
double room	150 BGN (~75 euro) per night	120 BGN (~60 euro) per night

Please, register to the conference through the school web page.

Deadline for registration and early payment is **May 31, 2012**. However, we encourage you to register earlier.

PAYMENT: Payments should be made till **May 31st 2012** to ULPIA TOURS Ltd. by credit cards through the secure server at www.ulpiatours.com/pay.html or bank wire transfer in Euro.

Company address:

ULPIA TOURS Ltd.

1202 Sofia
188A Slivnitsa Blvd., office A23
Bulgaria

IBAN: **BG69 UNCR 9660 1429437707**

BIC code: **UNCRBGSF**

Bank name: UniCredit Bulbank

Bank address: 18 Dondukov Blvd, Sofia 1000, Bulgaria

Bank account holder: **ULPIA TOURS, Ltd.**

Late payments (cash and/or credit card) will be made to ULPIA TOURS Ltd. during the meeting registration in Bachinovo centre with an additional late payment fee of 100.00 BGN (~50 Euro).

Limited scholarship funds will be available to support some participants from the Balkan countries. Those wishing to apply for a grant should provide a letter of recommendation from their supervisor. The deadline for applications and reference letters is **April 30th, 2012**.

Important dates:

Deadline for registration and early payment is **May 31, 2012**.

The deadline for registration and abstracts' submission from student is **May 31st, 2012**

Notification for oral presentations will be done by **June 15th, 2012**

Organizers and contact information:

Course Director

Ana Georgieva (INRNE, Sofia)

School Directors

Dimiter Balabanski (INRNE, Sofia)

Dennis Bonatsos (NCSR "Demokritos", Athens)

M. Nizamettin Erduran (Sabahattin Zaim University, Istanbul)

Nicolae Victor Zamfir (IFIN-HH, Bucharest)

Local organizing committee

Ana Georgieva (INRNE) – Chair

Liliya Atanasova (INRNE) – Secretary

Pavel Detistov (INRNE)

Kalin Gladnishki (University of Sofia)

Hristo Hristov (University of Plovdiv)

Dimitar Kadrev (INRNE)

Marina Kocheva (INRNE)

Penka Lazarova (Union of the Physicists in Bulgaria)

Luben Mihov (South-West University)

Korneliya Spasova (University of Shumen)

Ralitsa Stanoeva (South-West University)

Radost Vasileva (South-West University)

e-mail: balkan8@phys.uni-sofia.bg

Phone: (+359 2) 979 55 60

Fax (Ulpia Tours): (+359 2) 981 47 20