

**THE THIRD INTERNATIONAL BALKAN WORKSHOP ON  
APPLIED PHYSICS (3rd IBWAP2002)  
JUNE 26-28, 2002  
TARGOVISTE – ROMANIA**

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**Honorary Chairman:** Florea Oprea, Rector, Valahia University of Targoviste

**Workshop Coordinators:** Valerica Cimpoa (Valahia University of Targoviste), Gabriel Dima (Valahia University of Targoviste), Marin Iordan (Valahia University of Targoviste), Calin Oros (Valahia University of Targoviste)

**Advisory Committee:** B. Akkus (Turkey), D. Balabanski (Bulgaria), I. Bratu (Romania), A. Calboreanu (Romania), V. Cimpoa (Romania), V. Ciupina (Romania), M.N. Erduran (Turkey), M. Frontasyeva (Russia), R. Hellborg (Sweden), S. Jipa (Romania), I. Munteanu (Romania), D.N. Poenaru (Romania), N. Vasile (Romania).

**Organizing Committee:** C. Calboreanu (Romanian Physical Society), V. Cimpoa (Valahia University of Targoviste), I.Cucui (Valahia University of Targoviste), G. Dima (Valahia University of Targoviste), E. Dragulescu (NIPNE Bucharest), V.V. Grecu (University of Bucharest), M. Iordan (Valahia University of Targoviste), N. Olariu (Valahia University of Targoviste), C. Oros (Valahia University of Targoviste), I. M. Popescu ("Politehnica" University of Bucharest), I.V. Popescu (Valahia University of Targoviste), F. Scarlat (Valahia University of Targoviste), C. Stihl (Valahia University of Targoviste), Gh. Vlaicu (Valahia University of Targoviste), E. Zaides (ICPE -Bucharest).

**Workshop secretariat:** Anca Bancuta: [bancuta@valahia.ro](mailto:bancuta@valahia.ro); Aurora Anitoaie: [aurora@ifin.nipne.ro](mailto:aurora@ifin.nipne.ro);  
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**Introduction:** 3<sup>rd</sup> IBWAP2002 is the next in a series of prestigious scientific workshops on applied physics: the first took place in Tsigov-Chark-Bulgaria (1999) and the second in Edirne-Turkey (2001).

**Scope of the Workshop:** The objective of Workshop is to assemble scientists from different countries with a high experience to present the research works in a wide spectrum on basic and applied physics: *atomic and nuclear physics with applications; condensed matter physics; biophysics; environmental and life physics; physics for energy; technical and engineering physics; archaeometry; non-linear and applied mathematics; physics education.* The participants will have the opportunity to present their scientific contributions and discuss the results with other scientists from related fields, interested in the application of the high-precision atomic and nuclear physics techniques in the study of environmental pollution (air, water and soil pollution, radioisotopes pollution), characterization of materials using particles accelerations or another experimental facilities.



**3 rd International Balkan Workshop  
on Applied Physics  
June 26-28, 2002**

*Organized by:*

**Valahia University of Targoviste,  
Research and Education Minister,  
Excellence Center of EC: Inter Disciplinary  
Research and Applications based on  
Nuclear and Atomic Physics (IDRANAP)  
from Horia Hulubei National Institute of  
Physics and Nuclear Engineering (NIPNE),  
Bucharest University,  
Balkan Physical Union,  
Romanian Physical Society**



<http://idranap.nipne.ro/events/2002/3rdIBWAP2002.htm>  
<http://www.valahia.ro/announcement.pdf>

**Invited Speakers:** A. Andrei (Romania), D. Balabanski (Bulgaria), C. Besliu (Romania), A. Calboreanu (Romania), C. Ciortea (Romania), V. Cimpoca (Romania), V. Ciupina (Romania), R. Chapman (United Kingdom), V. Cojocaru (Romania), B. Constantinescu (Romania), S. Constantinescu (Romania), G. Dima (Romania), S. Dobrescu (Romania), M. Danchev (Bulgaria), M.N. Erduran (Turkey), S. Erturk (Turkey), M. Frontasyeva (Russia), A. Frank (Russia), D. Gavrilă (Romania), I. Geru (Moldova), I. Gottlieb (Romania), V.V. Grecu (Romania), R. Hellborg (Sweden), R.M. Ion (Romania), S. Jipa (Romania), L. Marinescu (Romania), Gh. Marmureanu (Romania), M. Mihai (Romania), V. Morozov (Russia), C. Oros (Romania), P.V. Paun (Romania), I.V. Popescu (Romania), A. Proykova (Bulgaria), D. Pressianov (Bulgaria), P.M. Racolta (Romania), F. Scarlat (Romania), V.I. Stegailov (Russia), V. Urumov (Macedonia), N. Valcov (Romania).

The authors may use standard slides or transparencies (for overhead projector), as well as PowerPoint presentations. The presentation should not exceed 20 minutes, discussion included.

**Poster session:** All other papers will be presented in poster session. For the poster sessions the authors may use the display area: 1.0 m high by 0.9 m wide.

**Publication:** Abstracts of all contributions will be published in the Book of Abstracts of the Workshop. The presented papers will be published in the Workshop Proceedings up to December 2002.

### **Word processor format**

All manuscripts should be submitted as an MS Word document and should include a summary of maximum 200 words.

The hard copy of the manuscript and the electronic version should reach the conference secretariat during the Workshop.

### **Paper setup**

#### ▪ **Paper size and margins**

- paper size: A4(21×29.7 cm)
- margins: 3 cm all-round
- maximum size: 8 pages, including equations, figures, tables and references

#### ▪ **Font and font size**

- title: 16 pt. Times Roman, bold, all capitals, flush left, 24 pt. space after
- authors: 14 pt. Times Roman, flush left, 12 pt. space after
- addresses: 12 pt. Times Roman, flush left, 12 pt. space after
- summary: 10 pt. Times Roman, italic, justified, 12 pt. space at the end of abstract; 1.00 cm indent left and right
- heading: 12 pt. Times Roman, bold, flush left, 12 pt. space after; do not number headings
- sub-header: 12 pt. Times Roman, italic, 12 pt space after, do not number sub-headings
- body text: 12 pt. Times Roman, justified, single line width; 1.00 cm paragraph indent, 6 pt. space at the end of paragraph; do not use carriage return (enter) at the end of lines within a paragraph turn the hyphenation option off
- caption: 10 pt. Times Roman, 6 pt. space after

**Workshop language:** The official language of the Workshop will be English.

## **Location and dates**

The Workshop will be held from Thursday 25<sup>th</sup> to Friday 28<sup>th</sup> of June 2002, at the Valahia University House, Targoviste.

The program of Workshop will be:

### **1<sup>o</sup> Tuesday, June 25:**

- Accomodation, registration, distribution of the conference materials and Welcome Cocktail.

### **2<sup>o</sup> Wednesday, June 26:**

-9<sup>00</sup>-9<sup>40</sup> Opening  
-9<sup>40</sup>-10<sup>00</sup> Coffee break  
9<sup>40</sup>-11<sup>00</sup> Poster session 1  
-10<sup>00</sup>-13<sup>00</sup> Invited papers  
-13<sup>00</sup>-15<sup>00</sup> Lunch  
-15<sup>00</sup>-16<sup>30</sup> Invited papers  
-16<sup>30</sup>-17<sup>30</sup> Coffee break  
16<sup>00</sup>-17<sup>30</sup> Poster session 2  
-17<sup>00</sup>-20<sup>00</sup> Invited papers  
- 20<sup>00</sup> Dinner

### **3<sup>o</sup> Thursday, June 27:**

-9<sup>00</sup>-10<sup>30</sup> Invited papers  
10<sup>00</sup>-11<sup>30</sup> Poster session 3  
-10<sup>30</sup>-11<sup>00</sup> Coffee break  
-11<sup>00</sup>-13<sup>00</sup> Invited papers  
-13<sup>00</sup>-15<sup>00</sup> Lunch  
-15<sup>30</sup> - Travel in Targoviste  
-20<sup>00</sup> - Banquet

### **4<sup>o</sup> Friday, June 28:**

-10<sup>00</sup>-11<sup>30</sup> Invited papers  
11<sup>00</sup>-12<sup>30</sup> Poster session 4  
-11<sup>30</sup>-12<sup>00</sup> Coffee break  
-12<sup>00</sup>-14<sup>00</sup> Invited papers  
-14<sup>00</sup> Closing  
-14<sup>30</sup> Lunch

**Workshop fee:** The Workshop fee is 50\$. The fee includes the Books of Abstracts, coffee breaks, rent of Conference and Welcome Cocktail and Banquet.

The students from Balkan or another countries recommended by their scientific coordinators and participants from UE Countries will pay only 20\$ for Banquet.

**Accommodation:** The organisers will reserve a number of rooms at the Dambovita Hotel and Valahia Hotel from Tuesday, June 25 to Friday, June 28.

Please, send the accomodation request at the Workshop secretariat. The accomodation prices (including breakfast) are:

	Dambovita Hotel	Valahia Hotel
	***	**
single room	50\$	45\$
double room	60\$	55\$

Please, send us your options for hotel reservation up to June 01, 2002. The organisers cannot guarantee your reservation request if this is made later than June 01, 2002.

**Targoviste:** Targoviste city, the old capital of Valahia, is a town with a rich culture and history placed in the southern of Romania at 80 km. from Bucharest. The Valahia University of Targoviste has been built on impressive traditions of academic life as a long expected act of scientific and cultural restoration. More general and tourist information is available on the internet site of the city of Targoviste and Valahia University of Targoviste.

(<http://www.valahia.ro>

<http://www.cmbtravel.ro/english/regionguide/targoviste.php> )