

# World Year of Physics 2005

**BULGARIA**





# **Organization of WYP'2005 Activities in Bulgaria**



## **HONORARY COMMITTEE for celebration of WYP-2005 in Bulgaria**

### **CHAIRMAN**

G. Parvanov                      President of Republic of Bulgaria

### **MEMBERS**

prof. B. Bioltchev              Rector of Sofia University  
prof. D. Damianov              President of the Union of Scientists in Bulgaria  
acad. I. Juchnovski              President of the Bulg. Academy of Sciences  
ass. prof. I. Damyanov        Minister of Education and Science  
prof. K. Velev                  President of the National Foundation for Scientific Research  
M. Velchev                      Minister of Financy  
N. Vasilev                      Minister of Transport and Communications  
S. Passy                        Minister of Foreign Affairs  
S. Sofianski                    Mayor of Sofia  
acad. V. Sgurev                President of the Federation of Technical Societies





## NATIONAL ORGANIZING COMMITTEE

### CHAIRMAN

Acad. Prof. Dr. Sc. M. Mateev

Sofia University, President of UPB

### MEMBERS

Prof. Dr. Sc. S. Saltiel

Sofia University

Prof. Dr. Sc. N. Tonchev

BAS – ISSP

Ass. Prof. Dr. I. Iliev

Shumen University

Acad. Prof. Dr. Sc N. Sabotinov

BAS, Vice-President

Acad. Prof. Dr. Sc. A. Petrov

BAS - ISSP, Director

Acad. Prof. Dr. Sc. S. Panchev

Sofia University

Prof. Dr. Sc. J. Stamenov

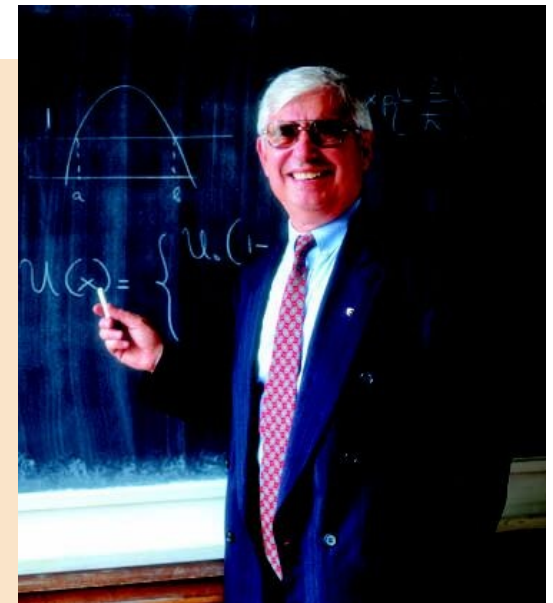
BAS - INRNE, Director

Prof. Dr. Sc. I. Lalov

Sofia University

Prof. Dr. Sc. N. Balabanov

Plovdiv University





**Main organizer  
of most of the events in Bulgaria:**

**UNION OF  
PHYSICISTS IN  
BULGARIA**



## MAIN PARTICIPANTS IN BULGARIA





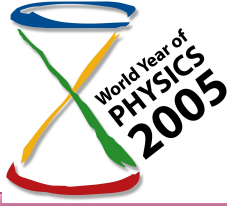
# LIST OF THE MAIN EVENTS

## *Participation in International Programs*

- “Physics Enlightens the World”
- “Physics Talent Search”

## *Conferences*

- 33rd National Conference on Problems of Physics Education “Physics and Informational and Communicational Technologies”, 7-10 April, Varna
- Conference “Physics in Bulgarian Academy of Sciences”, 21 April, Sofia
- Scientific Symposium “Development and Distribution of Physical Knowledge in Bulgaria”, 10 May, Plovdiv
- Conference “Nuclear Physics for the People”, 27 October, Sofia
- International Conference “Horizons of Physics”, 29 September, Sofia



## *Festivals*

- “Playing Science”, 25 March, Sofia (with British Council)
- “Week of Physics”, 28 March- 1 April, Technical University, Sofia
- Physics Festival, 14 May, Plovdiv
- Festival “Science for Humanity”, 13 May, Silistra
- National Festival “Science on Stage”, 23 May, Pleven

## *Competitions*

- National Competition for Physics on Internet “Physics in my Eyes”
- National Competition for Astronomy on Internet “Hunters for Sky Treasures”
- Competition “Amusing Physics”, 27 April, Sliven
- Competition for Demonstration Devices and Computer Programs for Physics Education in Secondary Schools, 14 May, Sofia





## *Exhibitions*

- “Thermonuclear Fusion – the Energy of Stars”, 27 November-12 December 2004, Sofia University, Sofia (with EFDA)
- “Physics in Bulgarian Academy of Sciences”, Gallery “Academia”, 21 April- 20 May, Sofia
- “Physics in the University Library”, 27 September, Sofia University, Sofia
- “European Center for Nuclear Research and Bulgaria”, 8-18 November, Sofia (with CERN)

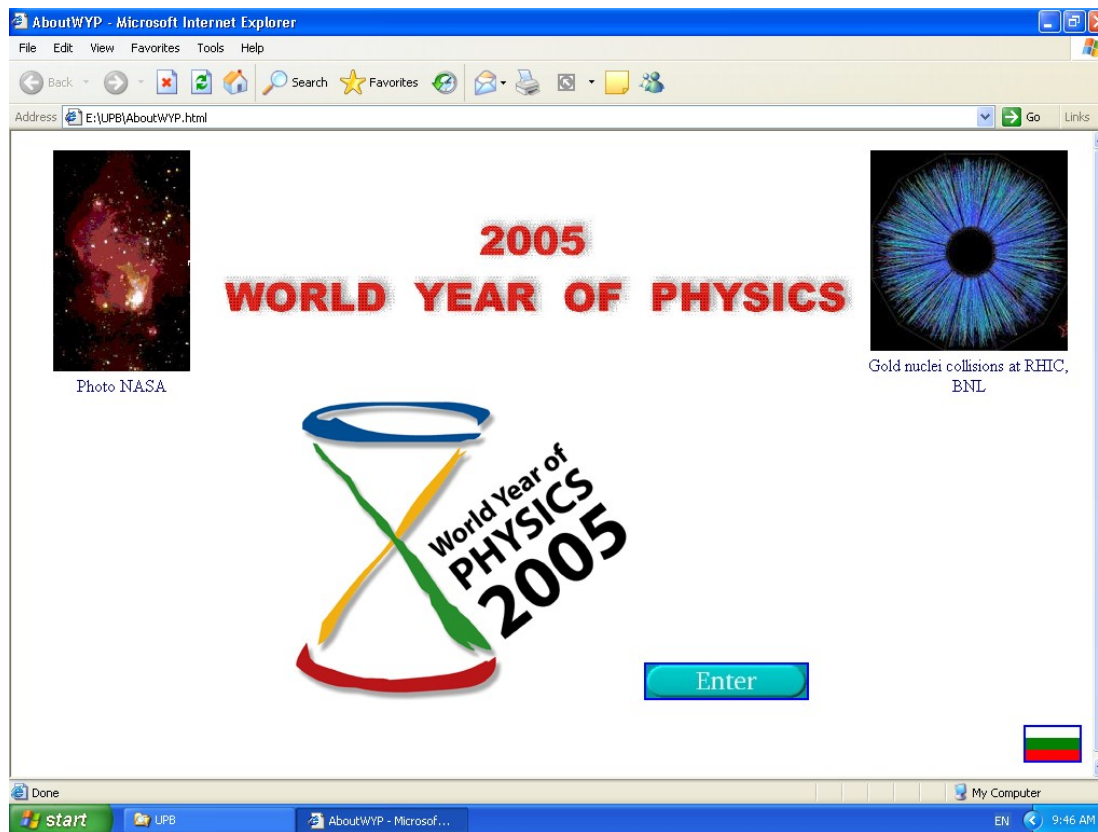
## *Miscellaneous*

- Issuing of Post Card dedicated to WYP’2005
- Performance “Forgive, me, Newton”, 19 April, Veloko Tarnovo
- Publishing of the Anthology “From Quarks to Universe”
- Exhibition of Paintings by Artist Simeonov, September, Sofia
- Unveiling of Monument of A. Einstein, 29 December, Varna



# Bulgarian Web-site dedicated to WYP-2005

<http://www.phys.uni-sofia.bg/upb/AboutWYP.html>





# **SELECTED EXAMPLES**



# **LAUNCHING WYP – 2005**

**Paris, 13 – 15 January 2005**





*On 19 April 2005 at 21.30*

**PHYSICS ENLIGHTENED  
BULGARIA**





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**WYP 2005**

**PHYSICS TALENT  
SEARCH**





## BULGARIAN WINERS



Two girls and two boys aged 13 –15 and two girls and two boys aged 16 – 18 with maximum points have received:

- Certificate: «*International WYP 2005 Physics Young Ambassadors*».
- A personal letter from a Nobel prize winner
- Invitation to participate in the School in Taiwan

**16-18**

**Zornitsa Valkanova  
Maya Temelkova  
Georgy Sumbashki  
Georgy Diankov**

**13-15**

**Alexandra Georgieva  
Aglika Varbanova  
Kaloian Genkov  
Vladimir Penev**



33 National Conference  
on Problems of Physics Education

**PHYSICS AND  
INFORMATIONAL AND  
COMMUNICATIONAL  
TECHNOLOGIES**

Varna, 7 – 10 April 2005





**International Conference**

# **Horizons of Physics**

**29 September, Sofia University**



# President G. Parvanov opened the conference

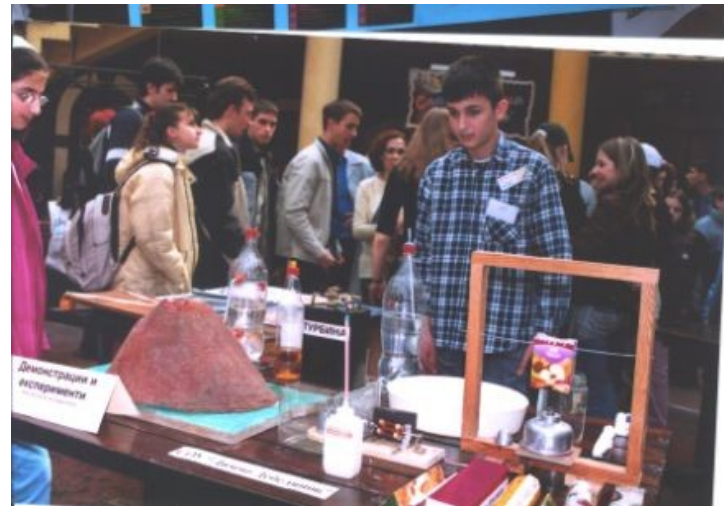




# PLAYING SCIENCE FESTIVAL

Sofia Land, 25 March 2005







# PHYSICS FESTIVAL

Plovdiv, 14 May 2005









**Exhibition**

# **THERMONUCLEAR FUSION – THE ENERGY OF STARS**

**27 November - 12 December 2004 г.**

**Physics Department of Sofia University**



**The exhibition was organized with the help of EFDA**



Exhibition

# **EUROPEAN CENTER FOR NUCLEAR RESEARCH**

# **(CERN) AND BULGARIA**

Earth and Man National Museum, Sofia, 8-18 November 2005





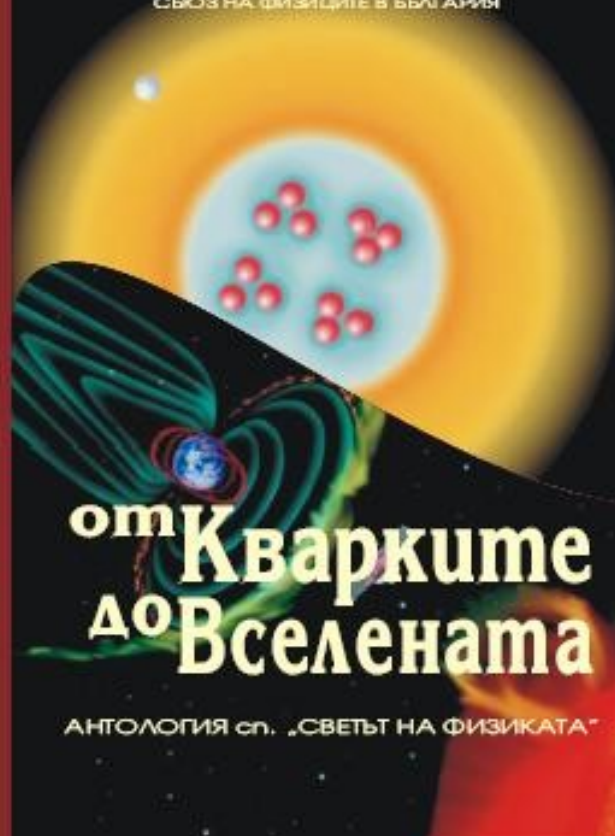
## ОТ КВАРКИТЕ ДО ВСЕЛЕНАТА

ИЗБРАНИ СТАТИИ, ПУБЛИКУВАНИ  
В СПИСАНИЕ „СВЕТЪТ НА ФИЗИКАТА“

Съставител **Д. Динев**  
Предговор акад. **М. Матеев**

ОТ КВАРКИТЕ ДО ВСЕЛЕНАТА

МИНИСТЕРСТВО НА ОБРАЗОВАНИЕТО И НАУКАТА  
СЪЮЗ НА ФИЗИЦИТЕ В БЪЛГАРИЯ



## от Кварките до Вселената

АНТОЛОГИЯ от „СВЕТЪТ НА ФИЗИКАТА“



# *From Quarks to Universe*

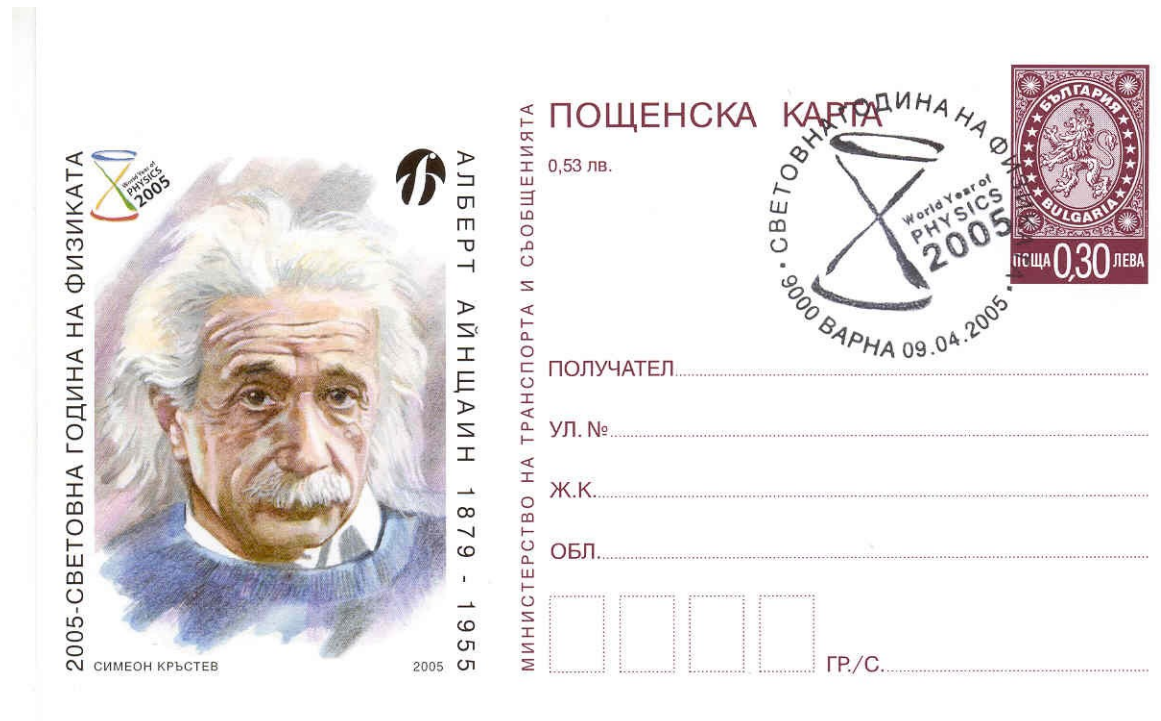
*An anthology of selected articles by prominent Bulgarian physicists especially dedicated to WYP – 2005.*

*The articles acquaint the reader with the overwhelming achievements of modern physics, with the numerous applications of physics and with the history of great discoveries in physics.*

*The book will be available in each Bulgarian secondary school and will be used as an additional textbook in physics education.*



# A special Post Card dedicated to WYP-2005 has been issued





# Exhibition by artist Simeonov, devoted to WYP - 2005





**A monument of A. Einstein was  
unveild in the city of Varna on 29  
december 2005**







**WHAT WILL BE NEXT ?**



**34<sup>th</sup> National Conference of the  
Union of Physicists in Bulgaria  
on the Problems of Physics Education**

**PHISICS IN BIOLOGY  
AND MEDICINE**

**Yambol, 6 – 9 April 2006**