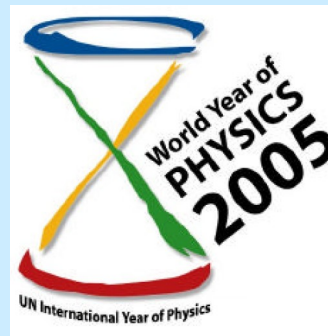


FINAL WYP05 MEETING 2004

3-4 March 2006, Paris, France

WYP2005 in Moldova



V. Kantser_

**ACADEMY OF SCIENCES
OF THE REPUBLIC OF MOLDOVA
Moldovan Physical Society**

kantser@lises.asm.md

Where is the R. Moldova?



SELECTED WYP2005 EVENTS IN MOLDOVA

- **WYP2005 PRESENTATION AT NATIONAL PHYSICS OLYMPIAD – March**
- **WYP2005 and NATIONAL DAY OF SCIENCE - May**
- **Physics Science and Education in Moldova in the issues of Physical Journals dedicated to WYP2005 – July, September, November**
- **National Conference of Physics dedicated to WYP2005 – October**
- **National Symposium Physics in Education – November;**
- **4th International Conference on Microelectronics and Computer Science, September;**
- **Moldova-Poland-Ukraine Symposium of Supramolecular Chemistry – October.**
- **Preparation of materials for WYP2005 Books and editing:**
 - **“Physical education and research in Moldova” – December,2005, Printing – June,2006;**
 - **“ Time inversion Symmetry” – December,2005, Printing – June,2006;**
 - **“Solid State Nanophysics”- April,2006, Printing – November,2006;**
- **WYP2005 and Physics in Moldova on press, radio,TV**
 - **Newspapers: “Nezavisimaia Moldova” – May; “Săptămâna” – November; “Trud” – October etc.**
 - **Radio and TV: Broadcasts “RadioAcademia”, “Science News”, “Moldova International” , “Buna Dimineata” etc.**
- **Physics in High Technologies and Intellectual Products at International Exhibition in Chisinau- November.**
- **First Foucault Pendulum in Moldova- December,2005 - Technical Documents and Components: June,2006- Pendulum assembling.**

Physics Science and Education in Moldova in the issues of Physical Journal dedicated to WYP2005

- **Moldavian Journal of Physical Sciences (in English) – V.4, No 3;**
- **Fizica si Tehnologiiile Moderne (in Romanian) – V.3, No 3-4;**
- **Surface Electronic Engineerind (in Russian) – V.25, No 5.**

Physical Journal of Moldovan Scientists



The "Journal" appears quarterly and publishes in English papers referring to original scientific research including applications in optoelectronics and advanced materials.

A review paper for every issue is planned and short communications with hot news are encouraged

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[Condensed Matter Structure and Mechanical Properties](#)

[Condensed Matter Structure and Mechanical Properties](#)

Kantser V.G.

WORLD YEAR OF PHYSICS 2005: OPPORTUNITY TO LOOK IN THE FUTURE OF PHYSICAL INVESTIGATIONS AND SOCIETY CHALLENGES FOR PHYSICS

Condensed Matter Theory

Palistrant M.E.

SUPERCONDUCTIVITY AND FERROMAGNETISM IN NONADIABATIC SYSTEM WITH STRONG ELECTRON CORRELATIONS AND MAGNETIC IMPURITY

Pokatilov E.P., Andries M. I., Barsuc A.A.

POLARON STATES AT ARBITRARY COUPLING REGIMES IN RECTANGULAR POTENTIAL WELL

Bulk Semiconductors and Dielectric Materials

WORLD YEAR OF PHYSICS 2005: OPPORTUNITY TO LOOK IN THE FUTURE OF PHYSICAL INVESTIGATIONS AND SOCIETY CHALLENGES FOR PHYSICS

V.G. Kantser

LISES Institute of Applied Physics of Academy of Sciences of Republic of Moldova

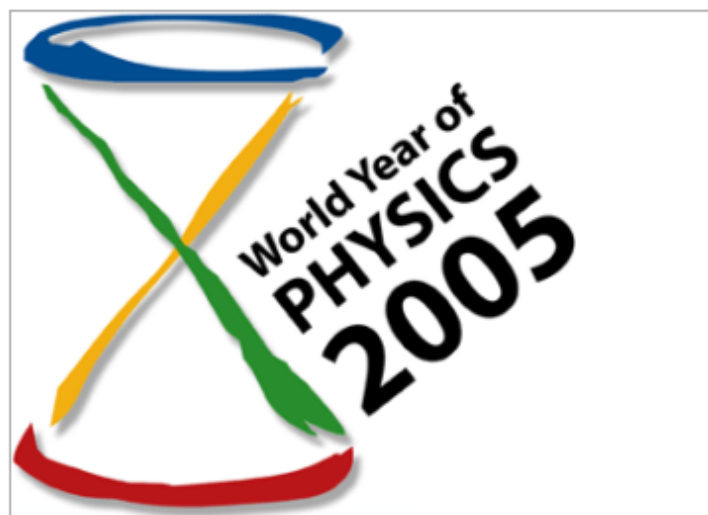
Last year the 32nd session of the General Conference of UNESCO adopted a resolution supporting the initiative of 2005 as the World Year of Physics (WYP2005). The reasons of the General Conference of UNESCO for that were the following:

- **Recognising** that Physics provides a significant basis for the development of understanding of nature,
- **Stressing** that education in Physics provides women and men with the tools to build the scientific infrastructure essential for development,
- **Considering** that research in Physics and its applications has been and continues to be a major driving force to scientific and technological development, and remains a vital factor in addressing the challenges of the 21st century,
- **Being aware** that the year 2005 marks the 100th anniversary of a series of great scientific advances by Albert Einstein,
- **Welcomes** the resolution of the International Union of Pure and Applied Physics (IUPAP), at the initiative of the European Physical Society, to declare the year 2005 the World Year of Physics and carry out, within this framework, activities to promote physics at all levels world-wide;
- **Decides** to support the initiative of the World Year of Physics 2005;
- **Invites** the Director-General to request the United Nations General Assembly to declare 2005 the International Year of Physics.

On this basis the General Assembly of the United Nations firstly in its history on 10 June 2004 has declared 2005 the World Year of Physics.

This act is clear recognition that physics, in particular, and science, in general makes important contributions to society. From electricity and transport to computers and the Internet, physics has laid the foundation for numerous transforming technologies over the past 200 years. Especially physicists are proud of their central role in science and society in the twentieth Century. The advances and breakthroughs of 20th-century physics have enriched all the sciences and opened a new era of discovery. They have touched nearly every part of our society, from health care to national security to our understanding of Earth's environment. They have led us into the information age and fuelled broad technological and economic development. The pace of discovery in physics has quickened over the past two decades. New microscopic devices are being developed with a host of potential applications, and instruments of unprecedented sensitivity and reach are being created and employed. Physics at the tiniest distances is being linked to the origin and fate of the universe itself.

The WYP2005 marks also the 100th anniversary of Albert Einstein's "miraculous year" in which he published five important papers describing ideas that have since influenced all of modern physics. These scientific papers have provided the basis for three fundamental fields in physics: the theory of relativity, quantum theory and the theory of Brownian motion. Therefore this year provides the opportunity to celebrate Einstein, his great ideas, and his influence on life in the 20th century.



CFM -2005

CHIȘINĂU

19 – 21 OCTOMBRIE 2005

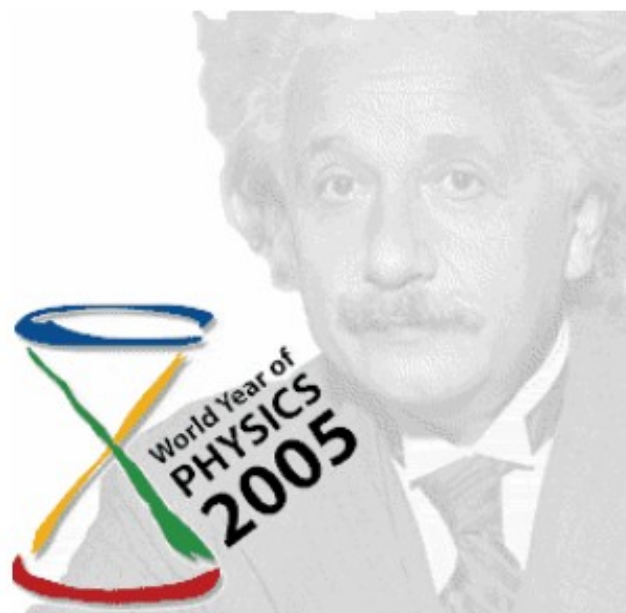
INSTITUȚII ORGANIZATOARE

**Societatea Fizicienilor din Moldova
Institutul de Fizică Aplicată al AȘM
Centrul LISES
Universitatea de Stat a Moldovei
Universitatea Tehnică a Moldovei
Universitatea Pedagogică Tiraspol**

INSTITUȚII SUPORT

**Academia de Științe a Moldovei
Societatea Europeană de Fizică**

Academia de Științe a Moldovei
Societatea Fizicienilor din Moldova
Institutul de Fizică Aplicată al AȘM
Centrul LISES al AȘM
Universitatea de Stat a Moldovei
Universitatea Tehnică a Moldovei



CONFERINȚA FIZICIENILOR DIN MOLDOVA
CFM -2005

Rezumatele Lucrărilor

CHIȘINĂU, R.MOLDOVA

19 – 20 OCTOMBRIE 2005

WYP2005 CONFERENCE OF PHYSICISTS OF MOLDOVA



CHIȘINĂU, 17 NOIEMBRIE 2005

INSTITUȚII ORGANIZATOARE

- Societatea Fizicienilor din Moldova
- Ministerul Educației, Tineretului și Sportului
- Universitatea Tehnică a Moldovei
- Universitatea de Stat a Moldovei
- Universitatea de Stat Tiraspol



INSTITUȚII SUPT

- Universitatea Tehnică a Moldovei
- Societatea Europeană de Fizică

Comitetul Științific Onorific

Bostan I.; Ciobanu M.; Duca G.; Gaindric C.; Rusnac Gh.; Tviracun V.

Comitetul de program:

Președinte: V. Canțer

Vice-președinți: Casian A.; Geru I.; Gaugaș P.; Gheorghiuță E.; Moldovanu-Bătrânac V.; Stratan N.

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Președinte: V. Dorogan

Seretar Științific: V. Ababii

Membri: Ș. Cartofeanu; L. Gorceac; M. Marinciuc; V. Todiraș; S. Gangan; L. Țarălungă; Ababii V.; Albu I.; Căpățână V.; Cotorobai V.; Comendant V.; Lungu V.; Malcoci M.; Nuca I.; Verejan A.

Secțiile Simpozionului:

Secția profesorilor de fizică

Secția studenților, mașteranzilor și doctoranzilor.



АРХИВ

27-05-2005

домой - home
свежие новости
свежий номер
досье "НМ"
все номера
контекстный поиск

go!

АРХИВНЫЙ НОМЕР

все материалы
политика
экономика
общество
культура
спорт
село
календарь
письма
разное

ИНТЕРАКТИВ

гостевая книга
пишете письма

анонсы почтой:

ok

РАЗВЛЕЧЕНИЯ

программа TV
анекдоты



РЕКЛАМА

29 мая - День науки

Физики - это научные волшебники



Нынешний год ООН объявила годом физики. Во-первых, чтобы отдать дань великому Альберту Эйнштейну, который 100 лет назад издал свои пять гениальных трудов, заложивших основы современной науки и технологий. Во-вторых, с физиками

связываются надежды на решение многих глобальных проблем нашей цивилизации. Для этого в год физики должно произойти объединение усилий всех ученых-физиков. В-третьих, во всем мире последние 10-15 лет происходит отток исследователей с фронта точных и технических наук, снижается к ним интерес молодого поколения (а в Молдове - тем более). Поэтому ставится задача привлечь внимание, особенно юных, к важности физических и точных наук для дальнейшего развития науки и решения различных проблем общества. Иначе человечеству придется вернуться на одну-две тысячи лет назад, например, из-за исчерпания энергетических и других материальных ресурсов.

О месте молдавской физики и физиков в мире рассказывает академик-секретарь отделения физических и инженерных наук Академии наук Молдовы, председатель Молдавского физического общества, руководитель Центра сверхпроводимости и твердотельной электроники АНМ доктор хабилитат физико-математических наук академик Валериу КАНЦЕР.

Physics in High Technologies and Intellectual Products at International Exhibition in Chisinau



Financial Support of WYP2005 activities in Moldova

- EU WYP2005 contract N° 516938 amount contributions – 50000 Euro
- Another support:
- Technical University of Moldova – 17000 Euro,
- Academy of Science of Moldova 2000 Euro.

EU Contract of the WYP2005 N° 516938

Moldova Project P.15

Workpackage N. P15

Project acronym WYP2005 Europe

Physical community of Moldova and civil society

Instrument: Activity Specific Support Action

Thematic Priority: Public Understanding of Science

Deliverable number P15.1.D1:

Foucault Pendulum

Date of deliverable: September 2005

Actual date: December 2005

Deliverable number P15.2.D1:

Book "Physical education and research in Moldova"

Date of deliverable: November 2005

Deliverable number P15.3.D1:

Book "Time inversion Symmetry"

Date of deliverable: December 2005

Deliverable number P15.4.D1, P15.5.D1:

Confrence of Physicists, Student symposium, Issues of Moldavian Physical Journals dedicated WYP2005.

Date of deliverable: December 2005

Start date of project: 1.1.2005

Duration: 1 year

Organisation name of lead contractor for this deliverable:
Societatea Fizicienilor din Moldova

Foucault Pendulum in Technical University (Financial Aspects)

ANEXA NR.1
Contract **Nr. C-05-04 din 15.11.2005**
FAZELE DE PROIECTARE- EXECUȚIE
pe anul 2006

Nr.crt.	Denumirea temei, cu detalii	Termen de predare	Valoarea de decontare (mii lei)	Unitatea căreia îi aparțin rezultatele temei
C-02-25	Instalație demonstrațional-didactică (Pendul Foucault-Orologiu).			
	1. Elaborarea documentației tehnice.	31.01.2006	Gratuit	UTM
	2. Procurarea materialelor și utilajelor de urmărire a parametrilor funcționali ai Pendulului.	31.03.2006	172,3	UTM
	3. Executarea subansamblurilor Pendulului Foucault	30.04.2006	161,0	UTM
	4. Efectuarea lucrărilor de amenajare a spațiului adiacent Pendulului.	31.05.2006	159,0 (din c/s UTM)	UTM
	5. Efectuarea lucrărilor de consolidare a structurii de rezistență pentru instalarea sistemului de suspendare a Pendulului.	31.05.2006	106,0 (din c/s UTM)	UTM
	6. Asamblarea și darea în exploatare a Pendulului Foucault - Orologiu.	30.06.2006	Gratuit	UTM
	Total		598,3	

SFM

Președinte
Acad. Valeriu Canter

UTM

RECTOR
Acad. Ion Bostan

Valeriu Kantser

WYP2005
MOLDOVAN PHYSICAL SOCIETY

Thank you !!!