



Albanian Physical Society



Final Meeting of European WYP Coordinators and EC WYP Partners



Report on Activities for WYP2005

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Paris 3 – 4 March 2006



Organization

- A committee of seven people from APS
- Subcommittees for each four work packages

Structures involved in organizing activities of WYP2005

- ❑ Albanian Physical Society (Organizing Committee);
- ❑ University of Tirana, Tirana;
- ❑ Polytechnic University of Tirana;
- ❑ Academy of Sciences of Albania;
- ❑ University "Ismael Qemali" Vlorë;
- ❑ University "Luigj Gurakuqi" Scutary;
- ❑ Military University "Skenderbej" Tirana;
- ❑ Institute of Nuclear Physics, Tirana



Funding and sponsors

- Main funding came from EC through the project WYP2005 Europe 30000 Euro,
- Swiss Embassy 4800 Euro,
- Albanian Physical Society, Polytechnic University, Institute of Nuclear Physics, Academy of Science altogether around 6000 Euro



Adriatic
Sea

Distribution
of
activities

Strait of Otranto

Albania

MONTENEGRO

KOSOVO

YU

Lake Scutari

N. Albanian Alps

Shkoder

Koplik

Bayram Curri

Krumë

Ujmeta Fierzës

Kukës

Maja e Korabit
9,025 ft
(2,751 m)

Pake

Rrëshen

Ditën

Gjiri i Dunit

Lezhë

Kep i Radonit

Burrel

Krujë

Bulqizë

Tirana

Durrës

Kavajë

Erzen

Librazhd

Lake Ohrid

Lake Prespa

F.Y.R.
MACEDONIA

Laguna e Karavastosë

Lushnjë

Elbasan

Pogradec

Kuçovë

Fier

Bërât

Gramsh

Devoll

Bilisht

Sazan

Ballsh

Korçë

Çorovodë

Ersekë

Gjiri i Vlorës

Vlorë

Tepelene

Përmët

Pindus Mountains

Kep i Gjuhëzës

Gjirokaster

Delvinë

Sarandë

GREECE

Alakmonas

19° E

20° E

21° E

22° E

Corfu



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Activities

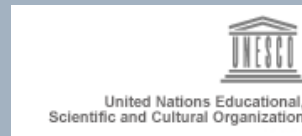
Launching Conference “World Year of Physics 2005

Presentations

- **Hundred Years of Discoveries at the Limits of fantasy**
- **The origin of Theory of Relativity**
- **From idea of photons to giant lasers**
- **Einstein on existence of Atoms**
- **Einstein the genius of twentieth century**

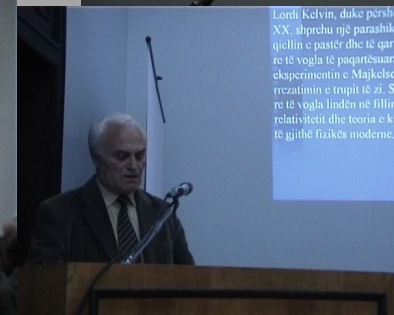


United Nations



International Union for Pure and Applied Physics

Views from Launching Conference



HAPJA E VITIT BOTËRORE TË FIZIKËS



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Talks at High Schools and Universities

- **April 2005, Technical Institute “Harry Fultz”**, “Main contributions of A. Einstein on modern Physics”
- **April, 2005 in collaboration with Ministry of Education was organized the National Olympiad of Physics** (3rd round) with the participation of 42 students from the secondary schools of Albania. We gave 6 prizes for winners of the Olympiad.
- **April 2005 At the high school “Mehmet Akif”**; the discussions: Physics in everyday life, Theories of A. Einstein and the application of lasers to medicine.
- **April 2005, Technical Institute “Harry Fultz”**, “A. Einstein on the existence of atoms”
- **May 2005, at Technical Institute “Harry Fultz”** –Tirana , “Creation of Special Theory of Relativity by A. Einstein”-
- **May 2005 At the high school “Vllezerit Kajtazi”**; the discussions: Discoveries of A. Einstein and their impact on everyday life. Physics after A. Einstein.”
- **May 2005, at the Private High School “Scuttari”**- Shkodra , on “Creation of Special Theory of Relativity by A. Einstein.”
- **May 2005, at University of Tirana Tirana** was organized the promotion of the book: “A. Einstein: My Ideas and Views”
- **May 20, 2005, talk at Faculty of Natural Sciences of University of Tirana** on “Gamma Ray Bursts – the most violent explosions in the Universe”, speaker R. Mochkowitch, Institute d’Astrophysique de Paris.
- **May 2005, with students of University of Tirana** on “A. Einstein, the Scientist, Philosopher and Man, portrayed through his own words.”
- **June 2005, at University of Vlora**, on “Main scientific achievements of A. Einstein” and “A. Einstein, the Scientist, Philosopher and Man, portrayed through his own words.”
- **September 2005 was organized talent search competition**. The winners represented Albania in the International Physics Jung Ambassadors’ Symposium, held on Taipei Taiwan December 31, 2005 – 04. 01. 2006.
- **October 2005 with students of high schools of Shkodra**; the discussions: “A. Einstein the genius of twentieth century “ and “Physics after Einstein.”
- **November 2005, at Technical Institute “Harry Fultz”** –Tirana , on “Geometry and Physics”-
- **January 18th, 2006 at High School “Çajupi”**: “Hundred Years of Discoveries at the Limits of fantasy.” To the attendees were given copies of the album “Euro biographies.”
- **February 1st, 2006 at Military University “Skënderbej”**: “ Hundred Years of Discoveries at the Limits of fantasy”. To the attendees were given copies of the album “Euro biographies.”
- **February 2006, at Technical Institute “Harry Fultz”** –Tirana , talk on “Creation of General Theory of Relativity”-



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Dissemination conferences and activities

- March 26 2005 **Launching Conference "World Year of Physics 2005"**. Organized by Albanian Physical Society, Academy of Sciences, University of Tirana, Polytechnic University and Institute of Nuclear Physics.
- May 25, in Tirana was organized the promotion ceremony for publication of the book: **"A. Einstein: My Ideas and Views"**, President of Academy of Science and Ambassador of Republic of Swiss. To the attendees were given copies of the book.
- June 4, 2005 in the University of Vlora was presented the book: "A. Einstein: My Ideas and Views" Were made three presentations: **"A. Einstein, the Scientist, Philosopher and Man, portrayed through his own words."**, "Main scientific achievements of A. Einstein."
- September 2005 was organized **Talent Search Competition**. The winners represented Albania in the International Physics Jung Ambassadors' Symposium, held on Taipei Taiwan December 31, 2005 – 04. 01. 2006.
- November 25th, 2005 conference on **"Science and society"** attended by students of local high schools and universities. Presentations: Physics and Health; Physics and Environment; Physics and Energy; Physics and Arts and Sports; Physics and Teaching methods; Physics and Astronomy; Physics and Telecommunication.
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- January 18th, 2006 with the participation of students of the High School "Çajupi" was organized a ceremony to deliver 6 students the certificate and medallion **"Physics Jung Ambassador"** and to give 2 students congratulatory letters from a physics Nobel Prize winners.



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Publications, books, and papers

- February 2005 was published **"Physics and Albania"** on newspaper "Panorama"
- March 2005 was published **"Albanian researchers in the world"**, on newspaper "Tirana Observer"
- March 2005 was published the paper: **"Main contributions of A. Einstein on Modern Physics"** in review Pedagogical Studies, Tirana,
- April 2005 was published in Albanian: **"A. Einstein: My Ideas and Views"**, a collection of Einstein's papers and discussions, 326 pages.
- June 2005 publication in Albanian of the book **"Evolution of Physics"** of A. Einstein and L. Infield.
- November 2005 was published in Albanian **"Euro biographies"** Disseminated biographies of 120 most prominent European physicists of all times, prepared by EPS.
- January 2006 was published **"Peace Nobel Prize and Institute of Nuclear Physics"**, on newspaper: "Tirana Observer"



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Exhibitions

- November 2005 exhibition "Nuclear and atomic physics in Albania" is organized by Albanian Physical Society in cooperation with the Institute of Nuclear Physics.

Involvement of press, media, TV, radio

- October 2005 TV program "Peace Nobel Prize, IAEA and atomic bombs in Japan", TV "Koha"
- December 2005 TV program "One hour visit in the Institute of Nuclear Physics", TV "NEWS"
- Main ceremonies and conferences were published in main TV or in the everyday newspapers.



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Science Week

- Physics and Health
- Physics and Environment
- Physics and Energy;
- Physics and Arts and Sports
- Physics and Teaching methods
- Physics and Astronomy
- Physics and Telecommunication.
- Exhibition in Institute of Physics





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Talks at Schools

- Harry Fultz
- Mehmet Akif
- Vllezerit Kajtazi
- Scuttari
- Faculty of Natural Sciences
- University of Vlora
- Çajupi .
- Military University "Skënderbej"



Përgatitur për botim nga:
Prof. DRITAN SPAHIU
Prof. ZENUN MULAJ

ALBERT AJNSHTAJN

PIKËPAMJET DHE
MENDIMET E MIA

INFOTUES

Tiranë, 2005

Ne kuadrin e Vitit Boterore te Fizikes

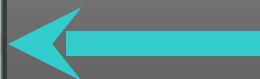


*Shoqata e Fizikes e
Shqiperise*



*Ambasada e Zvices ne
Shqiperi*

Kane kenaqesine
te promovojne



Pergatitur per botim nga

Prof.Dr. Dritan SPAHIU

Prof.Dr. Zenun MULAJ

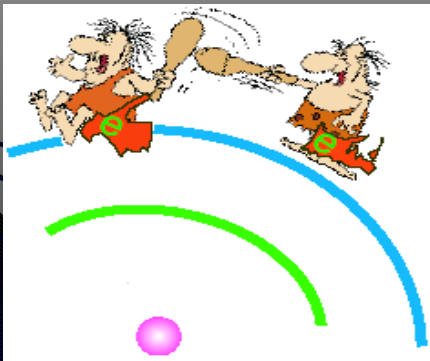
me mbeshtetjen e çmuar financiare te
Qeverise Zviceriane



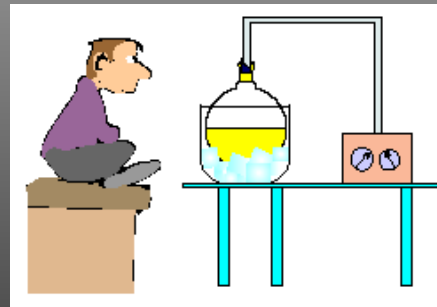
Projekt i Shoqates Europiane te Fizikës. Biografite e Fizikanteve European.

Botues: Dr. Svetlana Erlykin
Ilustrimet: Pauline A. Russell
Svetlana Erlykin

Inisiativa ka për qëllim rritjen e interesit për fizikën tek nxënësit e moshës 12-17 vjeçare me anë të përshkrimeve të përmbledhura të aspekteve si personale ashtu dhe shkencore të atyre fizikanteve të famshëm emrat e të cileve përmenden në librat



Pauli tregoi se dy elektrone me të njëjtët numura kuantik nuk mund të qendrojnë në të njëjtën orbitëLaplasi



*Kamerlingh Onnes
studjoi gazet e
lengëzuara në
temperatura shumë të
ultra*



*Laplasi
zhvilloi
teorinë e
lojës*

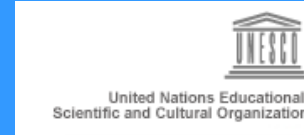


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QUESTIONS

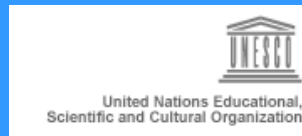


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THANK YOU



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