



World Year of Physics

A. Alexandrou



World Year of Physics

2005



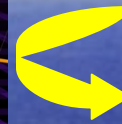
Διεθνές Έτος Φυσικής
Dünya Fizik Yılı



UNIVERSITY OF CYPRUS - DEPARTMENT OF PHYSICS
www.ucy.ac.cy/~phyweb/wyp2005

Organization

Ad hoc committee of three faculty
from the Physics Department of the
University of Cyprus

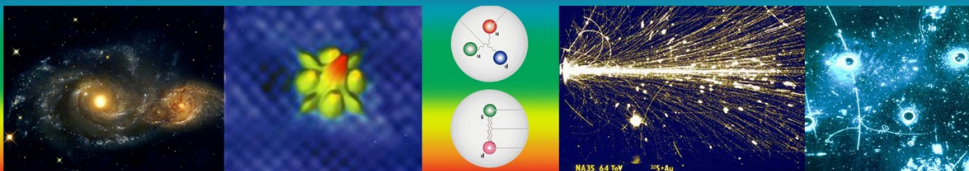


University of Cyprus provided
funding of ~ 10 000 Euro with the
condition that 40% of the costs are
obtained from other sources

- US Embassy
- French Embassy
- Dutch Embassy (for bi communal events)

website:

www.ucy.ac.cy/~phyweb/wyp2005



Launching of events

Lunching at the University of Cyprus 17 Jan 2005 just after the launching in Paris where 5 students, one faculty and one High School teacher participated



Visits by High School students

The week of the 17th of January was declared week of Physics by the Ministry of Education

During the week high school students and their teachers from schools throughout Cyprus visited the department to watch demonstrations and a shorter version of the Elegant Universe with Greek and Turkish subtitles.

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Gender Equality in the Sciences



ΔΙΕΘΝΕΣ ΕΤΟΣ ΦΥΣΙΚΗΣ 2005

WORLD YEAR OF PHYSICS 2005

Το 2005 έχει κηρυχθεί από τον ΟΗΕ ως διεθνές έτος Φυσικής. Το Τμήμα Φυσικής του Πανεπιστημίου Κύπρου συμμετέχει στο διεθνές αυτό εορτασμό οργανώνοντας σειρά εκδηλώσεων στην Κύπρο που σκοπό έχουν να κάνουν γνωστά στο ευρύ κοινό τα επιτεύγματα του Α. Αϊνστάϊν και της σύγχρονης έρευνας στη Φυσική.

Περισσότερες πληροφορίες στην ιστοσελίδα: <http://www.ucy.ac.cy/~phyweb/wypp2005/>

The World Year of Physics 2005 is a United Nations endorsed international celebration of Physics. The Department of Physics of the University of Cyprus, like other organizations worldwide, participates in these celebrations by organising a number of events to commemorate the pioneering contributions of A. Einstein in 1905 and to bring the excitement of Physics to the general public. Further information at: <http://www.ucy.ac.cy/~phyweb/wypp2005/>

CURRICULA VITAE

Katharine B. Gebbie is Director of the Physics Laboratory of the National Institute of Standards and Technology (NIST), a Fellow of the American Physical Society, a Fellow of JILA, and a member of several professional societies including Sigma Xi and American Women in Science. She is a member of the American Physical Society (APS) Physics Planning Committee, a member of the Fellowship Committee, APS Division of Atomic, Molecular, and Optical Physics, a past member and chair of the APS Committee on the Status of Women in Physics, and a member of the International Union of Pure and Applied Physicists Working Group on Women in Physics. She has received several awards, including the Department of Commerce Gold Medal and the WISE (Women in Science and Engineering) Lifetime Achievement Award.

Michèle Leduc is Director of Research at C.N.R.S., Laboratoire Kastler Brossel Ecole Normale Supérieure, member of the Council of Sciences of the city of Paris, in charge of the G.D.R.E. France-Russia "Lasers and Information Technologies", and Coordinator for the events of the World Year of Physics in France.

The participation of Prof. K. B. Gebbie is facilitated by the kind sponsorship of the Embassy of the United States of America in Cyprus. Η συμμετοχή της Καθ. Κ. Β. Γεββίε υποστηρίχθηκε και αφορά χάρη της Πρεσβείας των ΗΠΑ στην Κύπρο.



ΔΙΕΘΝΕΣ ΕΤΟΣ ΦΥΣΙΚΗΣ 2005

ΙΣΟΤΗΤΑ ΤΩΝ ΔΥΟ ΦΥΛΩΝ ΣΤΙΣ ΕΠΙΣΤΗΜΕΣ
ΔΙΑΔΕΞΕΙΣ ΚΑΙ ΣΥΖΗΤΗΣΗ ΣΤΡΟΓΓΥΛΗΣ ΤΡΑΠΕΖΑΣ

WORLD YEAR OF PHYSICS 2005

GENDER EQUALITY IN THE SCIENCES
PRESENTATIONS AND PANEL DISCUSSION

ΠΑΝΕΠΙΣΤΗΜΙΟ ΚΥΠΡΟΥ ΑΙΘΟΥΣΑ ΤΕΛΕΤΩΝ
ΤΕΤΑΡΤΗ 6 ΑΠΡΙΛΙΟΥ 2005
ΩΡΑ 4:00- 7:30 μ.μ.

UNIVERSITY OF CYPRUS MAIN HALL
WEDNESDAY, APRIL 6, 2005
16:00-19:30 p.m.

Panel discussion

- **A. van der Meer, Head of the Representation of the European Commission in Cyprus**
- **K. Gebbie, NIST, USA**
- **M. Leduc, Ecole Normale Superieure, France**
- **C. A., University of Cyprus**
- **S. Zenios, Rector University of Cyprus**
- **E. Mavrou, Member of Parliament**



Talks by Prominent Cypriot Physicists living abroad

- Costas Papanicolas: May 2005

Globalization in Physics terms



Series of Lectures by de Gennes



Π Ρ Ο Σ Κ Λ Η Σ Η

ΣΤΟ ΠΛΑΙΣΙΟ ΤΩΝ ΕΟΡΤΑΣΜΩΝ ΤΟΥ ΔΙΕΘΝΟΥΣ ΕΤΟΥΣ ΦΥΣΙΚΗΣ 2005
ΤΟ ΤΜΗΜΑ ΦΥΣΙΚΗΣ ΤΟΥ ΠΑΝΕΠΙΣΤΗΜΙΟΥ ΚΥΠΡΟΥ
Η ΓΑΛΛΙΚΗ ΠΡΕΣΒΕΙΑ ΣΤΗΝ ΚΥΠΡΟ
ΚΑΙ ΤΟ ΓΑΛΛΙΚΟ ΠΟΛΙΤΙΣΤΙΚΟ ΚΕΝΤΡΟ ΣΤΗΝ ΚΥΠΡΟ

έχουν την τιμή να σας προσκαλέσουν στη σειρά διαλέξεων του
Professeur Pierre-Gilles de Gennes

1. Δευτέρα, 17 Οκτωβρίου 2005, ώρα 19:30
Θέμα: *The Nature of Memory Objects in the Brain*

The number of different sensations, words, histories which we remember is amazing. At the cellular level, there is a reasonable understanding of how a neuron prints certain signals, giving rise to memory. But how many neurons are involved in one simple perception (such as the smell of a rose)? We discuss these memory objects here in simple terms, accessible to everyone. From there, we can try to understand associations: how the smell of a rose immediately evokes its color.

Η διάλεξη θα δοθεί στα Αγγλικά

2. Τρίτη, 18 Οκτωβρίου 2005, ώρα 17:00
Θέμα: *The Difficult Life of Inventors*

We would like that some of our science students become real inventors. But our educational system is not very good for that. Here, we discuss inventors from the past (such as the Montgolfier brothers who created the hot air balloon). But we also describe current research teams, and the worries for the future of innovation in the Western World. The speaker (P.-G. de Gennes) has participated in pure research, but also worked for Philips, General Electric, Exxon, Rhône Poulenc, and some small start up companies.

Η διάλεξη θα δοθεί στα Αγγλικά με ταυτόχρονη μετάφραση στα Ελληνικά

3. Τρίτη, 18 Οκτωβρίου 2005, ώρα 19:30
Θέμα: *Médecine et Physique**

Avec pédagogie et enthousiasme, le Professeur Pierre-Gilles de GENNES nous expliquera comment les progrès de la médecine dépendent toujours plus de ceux de la physique et des avancées technologiques. Il évoquera notamment la destruction des calculs rénaux, la radiothérapie des cancers, le traitement des maladies « nerveuses » (surdité, Parkinson, et...) ou encore la possibilité de lire dans le cerveau les « intentions » d'un individu. Il abordera également les différents problèmes éthiques que ces progrès soulèvent.

*Αυτή η διάλεξη ανευθύνεται κυρίως σε μαθητές Λυκείου.

Η διάλεξη θα δοθεί στα Γαλλικά με ταυτόχρονη μετάφραση στα Ελληνικά

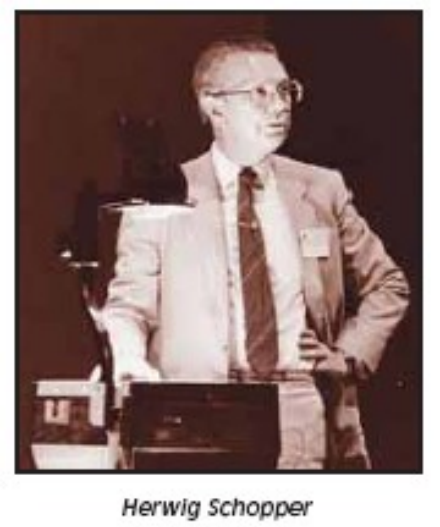
Στα πλαίσια της σειράς των διαλέξεων του Καθηγητή Pierre-Gilles de Gennes θα πραγματοποιηθεί έκθεση αφίσσας στον προθάλαμο της αίθουσας τελετών.

Θέμα: «Στους Ορίζοντες της Φυσικής».

Exhibition: posters with the theme “Physics horizons”

• **Talk by ex-Director General of CERN H. Schopper**

Organized by the Cyprus Institute, the University of Cyprus
and the Union of Cypriot Teachers



Herwig Schopper

Exploring the Microcosm:

Impact on Cutting Edge Technology and Bringing Nations Together

• **Interviews on TV and popular magazines by faculty members and physics teachers**

University magazine devoted to World Year

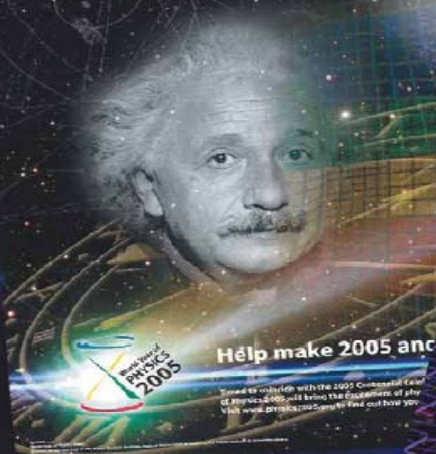


ΕΝΔΕΛΚΤΗΣ

ΠΕΡΙΟΔΙΚΗ ΕΚΔΟΣΗ ΤΟΥ ΠΑΝΕΠΙΣΤΗΜΙΟΥ ΚΥΠΡΟΥ

ΤΕΥΧΟΣ 14 ΔΕΚΕΜΒΡΙΟΣ 2005

World Year of Physics 2005 Einstein in the 21st Century



Help make 2005 and

2006 to coincide with the 2005 Centennial Celebration of physics. 5,000 will bring the Equations of physics to life. Visit www.physics.oxford.ac.uk for more information.

World Year of Physics 2005

2005

Διεθνής Έτος Φυσικής

ΠΑΝΕΠΙΣΤΗΜΙΟ ΚΥΠΡΟΥ - ΤΜΗΜΑ ΦΥΣΙΚΗΣ
www.ucy.ac.cy/~phyweb/wyp2005



Conclusions

- Events help make the international year of Physics known in a wide range of audiences in Cyprus
- More scientific activity in the department
- Interest and quality of incoming students
 - Participation of our students in the organization of the events
 - Bringing the two communities in contact

And it was great fun!

