

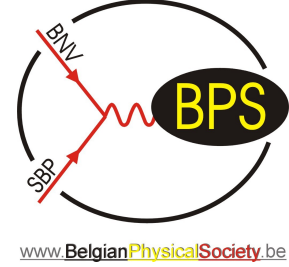


Impact of the WYP2005 in Belgium

Viviane Pierrard
Belgian Physical Society



Organizers



Working group coordinated by BPS with all the organizers (volunteers):
All the 10 universities

FUNDP (Namur)

UMH (Mons)

UCL (Louvain-La-Neuve)

ULB (Brussels)

ULg (Liège)

- **RUG (Gent)**
- **LUC (Hasselt)**
- **KUL (Leuven)**
- **VUB (Brussels)**
- **UA (Antwerp)**

+ 7 other scientific institutions and high schools: **ROB (Observatory), IASB-BIRA, IRM-KMI, Planetarium, ISIB (Brussels), SCK-CEN (Mol), EPOG**

+ Scientific associations: **BPS, NCP, Technopolis, Euro Space Center, Scientastic, VeleWe (prof), ABPCP (prof), Jeunesses scientifiques, Jeugd Cultuur en Fysica, SRBA, some schools...**

Activities

- More than 20 activities/months (large public lectures, exhibitions...)
- Everywhere in Belgium (mainly university cities)
- List of the activities on Website:
www.wyp2005.be
- Budget: Organizers, University, sponsors, regions, private
- EU for 5 universities (FUNDP, RUG, UMH, KUL, LUC)



Press/media

January (Launch):

Press conference and releases

National Radio (La Première, Vivacité, Contact...)

Newspapers (Le Soir, Vers L'Avenir, La Libre, Knack, ...)

Television: RTBF (news)

During 2005:

Local radio and newspapers announced the activities

Television (RTBF, La Deux, TeleBrussel): only few activities were announced



Prince Philippe at the exhibition
“Between sky and Earth” at the
Planetarium of Brussels (June 30, 2005)

L'AUTRE REGARD
EXPO EINSTEIN



LE SOIR

La Première

LE VIF
weekend

ATLB

sud presse

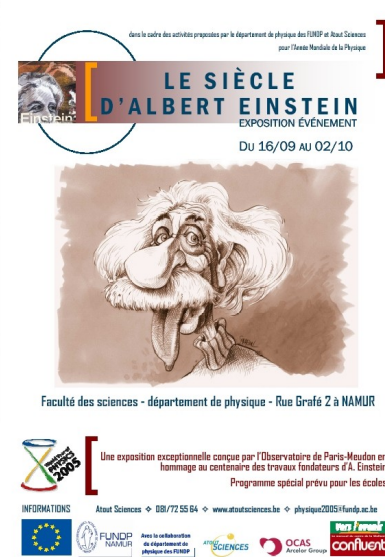
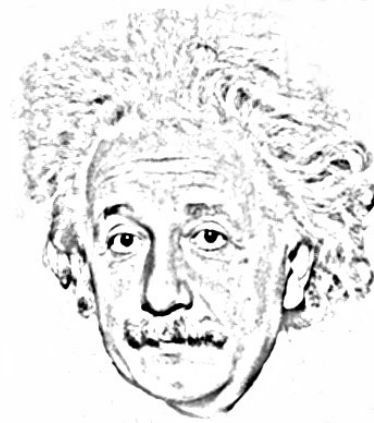
ledevoir

ANDERS BEKEKEN
EXPO EINSTEIN



**Einstein Un autre regard Anders bekeken,
Tour et Taxi, Brussels ULB-VUB,
12-2005 / 5-2006**





Other exhibitions about Einstein:

Leuven en Kortrijk (KULeuven): **Einstein 1905-2005**

Namur (FUNDP):

The Century of Albert Einstein

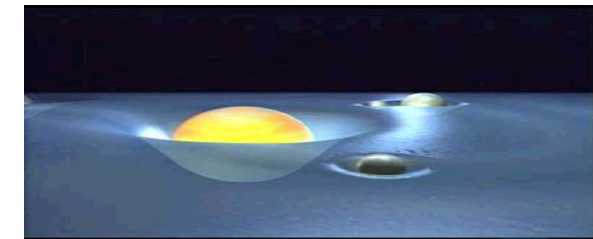
Gent (UGent):

Einstein in the low countries

Link with Einstein:

Brussels (ULB-VUB): **Solvay Conference with Nobel Prize**
2004 David Gross (4 Dec)

Scientastic: experiments about relativity



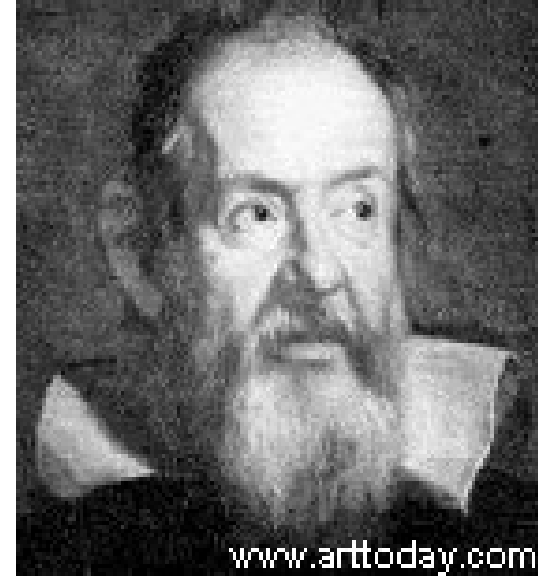
Special issues of Physicalia Mag (BPS), Science Connection, Athena ...

History of Physics:

- Charleroi (UCL):
Georges Lemaître Big Bang

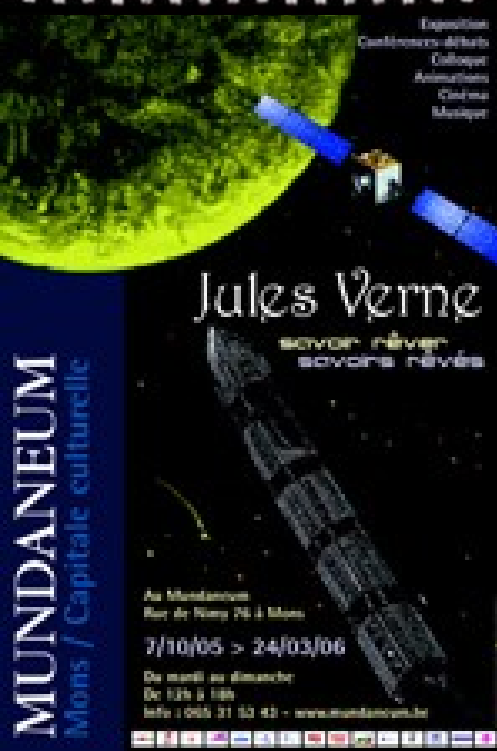
- Mons (UMH):
Lectures about famous physicists
from **Galilée to Einstein**

Jules Vernes exhibition (up to
March 2006)



Galileo Galilei

Marie Curie





Astrophysics



- Liège and Mons
 - Launch of WYP with Huygens on Titan (Jan)
 - *Initiation to astronomy, Welcome of schools*
- Brussels
 - 2 **Open days at the Observatory of Brussels**
 - *(Sept, 10000 visitors)*
 - **Astronomy lectures (SRBA)**
- Transinne (Euro Space Center) *A new **space** odyssey*
- Charleroi (ULB) *Discovery of **Universe**, Astronomy*



Cassini-Huygens

European Space Agency



Geophysics



- Mons (UMH): **Foucault** Pendule , Collégiale Ste Waudru (March) + exhibition
- Liège (Ulg): **Foucault** Pendule, St André church (Oct)
- Brussels (Planetarium) ***Earth-Sky*** exhibition
- Louvain-La-Neuve (UCL): **Climate changes** days

Funny Physics



Gent (UG):

Namur (FUNDP):

Mechelen (**Technopolis**):
EXPERION

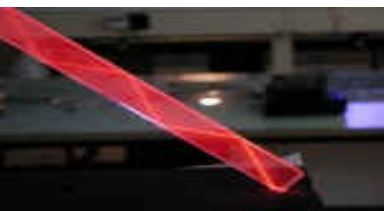
Mons (UMH):

Leuven (KUL):

Brussels (CNP):

Charleroi (ULB):

Liège (ULg):



Saturdays of Physics (shows and lectures on different topics)

Lectures on **attractive topics**

Demonstrations and truck with experiments

Physics in the castle of Seneffe (Sep)
Wave exhibition for schools (April)

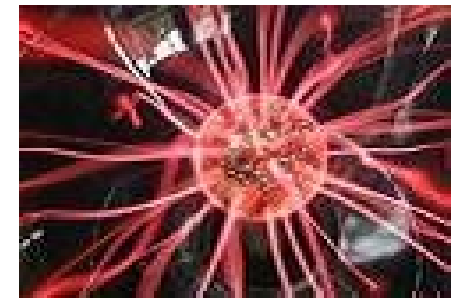
Scientific **tourist walk**

Day about **fusion** (5 March)

Physics at home (Jan)

Sciences are magic

(exhibition from Sept)





Students



- Welcome of school students in the Belgian universities and high schools for demonstrations, experiments, ... (every Wednesday, or some open days, or science week, or masterclasses...)

ULiège, UAntwerp, ISIB, UMH (Mons), FUNDP (Namur), UGent, UCL (Louvain), KULeuven (LERU Science week) , ULB, EPOG...

Follow-up in 2006



Contests/ Games

- **Superteam**, LUC (Hasselt) 9 Nov. 450 part.
- **Best website** on $E=mc^2$ (SCK-CEN)

Prize: 1000 euro

- **Astronomy** contest (SRBA)

Prize: Telescope

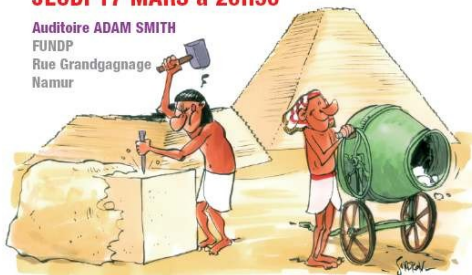
- **Physics Olympiads** (with also participation to European contests) April 2005
- **Expo Science** (Jeunesses scientifiques & Jeugd, Cultuur en Wetenschap) May 2005



La construction des pyramides Pierres taillées ou blocs moulés?

JEUDI 17 MARS à 20H30

Auditoire ADAM SMITH
FUNDP
Rue Grandgagnage
Namur



Une rencontre exceptionnelle entre un physicien et un archéologue.
Une première à ne pas rater dans le cadre de l'année de la Physique !

Une conférence présentée par
Guy Denozière, professeur de Physique aux FUNDP et Eugène WARMENBOL, archéologue de l'ULB,
animée par Pascale BOLLEKENS, journaliste à la RTBF et « croquée » par Jacques SONDRON, dessinateur de presse.

INFORMATIONS : Atout Sciences • 081/72 55 64 • www.atoutsociences.be

- 5 attractive lectures: 150-400 each

- Einstein Exhibition: 250/week (20 schools)

- 2 open days for students: 150/day Full capacity



dans le cadre des activités proposées par le département de physique des FUNDP pour l'Année Mondiale de la Physique

LA NANO-PHYSIQUE CONTRE LE CANCER



La physique peut-elle aider au traitement des tumeurs ? Est-il possible, à l'aide de dispositifs miniatures radioactifs d'éradiquer cette terrible maladie ? Venez découvrir les nouvelles pistes que la physique actuelle propose aux médecins.

lundi 25 avril 2005 – 20h30
auditoire Adam Smith
rue Grandgagnage à NAMUR

Une conférence tout public et gratuite présentée par Stéphane LUCAS, professeur de physique aux FUNDP et « croquée » par Jacques SONDRON, dessinateur de presse

INFORMATIONS Atout Sciences • 081/72 55 64 • www.atoutsociences.be • physique2005@fundp.ac.be

Conclusions

- Good participation of the public
- Direct link promotion/ attendance
- Too early to conclude for student enrolling but small increase
- Follow up in the future: mainly contact between schools and universities

