

1.- Report by the Societat Catalana de Física

The SCF, together with the Societat Catalana d'Història de la Ciència i de la Tècnica has published the book “*1905, el jove Einstein en català*”, including the original version, catalan translation and introductory presentations, of the four essential papers of Einstein 1905.

The SCF has published an special issue of the *Revista de Física*. Revista de Física is the magazine of trhe SCF and is published twice a year.

The SCF, together with the SCHCT has promoted an academic session at the Institut d'Estudis Catalans in honor of Albert Einstein, which took place on March 11.

A joint meeting with the Catalan Mathematical Society was organized on June 3. It was devoted to the relationships between physics and Mathematics.

During the months of June until September, in collaboration with Transports Metropolitans de Barcelona, four models of posters (fifty copies of each) were installed in the wagons of the Barcelona underground trains system. The four posters had graphics and information on the Big Bang, the Twin Paradox in Special Relativity, the Rainbow and the decomposition of light, and hte Cavendish experiment on the deterimanation of the mass of the Earth. This activity was supported by the three universities participating in the Commission for he WYP.

The SCF partially produced the theater play “Els Físics”(the physiscists), by Friedrich Dürrenmatt, which was on stage from Setember 13 to October 9, at the Tantarantana theater in Barcelona.

An exhibition with a reproduction of the Magdeburg spheres, made specifically for he WYP event, has been running in several places, among them in Terrassa, Tarragona, Vilanova i la Geltrú, Manresa.

The SCF has participated in the exhibition “La Màgia dels Superconductors” (The Magic of Superconductors), organized by the Institut de Ciències dels Materials de Barcelona (CSIC) which took place at palau Moja, Barcelona, from 5 to 11 of November. The exhibition is also visiting the cities of Tarragona, Ripoll, Cerdanyola, Lleida andTerrassa.

In collaboration with the Faculty of Physics of the Universitat de Barcelona, the following activities have been developped:

- Participation in the exposition “Física de l'estètica”, which has been exhibited in Girona, Santa Coloma de Farners, Vilanova i la Geltrú, L'Hospitalet, Barcelona, Tarragona, Vendrell, Mollerusa, Tàrrega.
- Collaboration in the international meeting with the same title, “Física de l'estètica”, held in Barcelona, in Gaudí's Pedrera building on 6 and 7 of September 2005.

- Collaboration in the series of conferences “cloes encounters with the third cycle”. A total of ten conferences wer given devoted to the students.
- Collaboration in the Materclass Hands on Particle Physics, promoted by the European Particle Physics Outreach Group based dat CERN. It had an attendance of 44 high school students.

Funding The SCF received support form

Direcció General d'Universitats (Catalan Government): 30.000 euro,

Ministerio de Educación y Ciencia (Spanish Government): 40.000 euro,

Institut d'Estudis Catalans: 17.000 euro

Universitat de Barcelona: 3.000 euro