



Festival della Scienza



Genova
Capitale Europea
della Cultura

Genova 2004 – European Capital of Culture

Science Festival

Genoa, October 28 – November 8, 2004

Following the great success in 2003, the Festival della Scienza 2004 proposes a wider format with twelve days of meetings, science and art exhibitions, educational activities, shows, round tables, book presentations, video projections, games, performances, and workshops. Over **200 events** will take place from **October 28 to November 8** all over Genoa, in the most picturesque places in the city, such as Palazzo Ducale, Porto Antico, Via Garibaldi, Via Balbi, the major museums and theatres, the streets and buildings of the historical center.

The Festival is one of the major events in Italy for the popularization of scientific culture and this year the main theme will be the “Exploration”. The 2004 edition is a highlight of **Genoa European Capital of Culture** and it is particularly significant on an international level being officially part of the **European Scientific Week (ESW)**. The Festival is organized by the **Associazione Festival della Scienza** with the collaboration of **Genova 2004**, in partnership with **Progetto Italia** of **Telecom Italia**, **Compagnia di San Paolo** and **Finmeccanica**.

Further information at the web site: www.festivalscienza.it (English version)



EXHIBITIONS AND LABORATORIES

Among the about **thirty exhibitions**, the hands-on exhibition **The Science Wonders** (“Le Meraviglie della Scienza”, which was one of the greatest successes of the past Festival) this year, as part of the AESOTOPE (Asia-Europe Scientist of Tomorrow Program) project, will present over 20 original exhibits created by 50 students from 25 Countries.

By the European network **Esciential**, co-financed by the European Commission within the VI Framework Program, the Festival has started an international partnership with several organizations and institutions to promote the first European School for Scientific Animation and to bring new exhibits and workshops to Genoa. Among these, the exhibit **Remains and Traces** (“Resti e Tracce”) and the laboratory **The Profession of the Paleontologist** (“Il Mestiere del Paleontologo”), organized by the **Museo de la Ciencia** of the Fundación “La Caixa” of **Barcelona**; the exhibit **Brain Waves** (“La Mente che Mente”), presented by the Department of Psychology and Neuroscience of the **University of Edinburgh**; the laboratories **The Secrets of the Rocks** (“I Segreti delle Rocce”) and **Microbes** (“Microbi”), proposed by **Techniquest** of **Cardiff**, the most visited science discovery center in the United Kingdom; the exhibit **From Archimedes to Poincaré: the Dynamics of a Multi-medial Pathway** (“Da Archimede a Poincaré: la Dinamica in un Percorso Multimediale”), presented by the **Institut Non Linéaire** of **Nice**; the exhibit **Jurij Georg Vega, Artillery and Logarithms** (“Jurij Georg Vega, Artiglieria e Logaritmi”), by the **Tehniski Musej Slovenije** of **Ljubljana**.

Another exhibition, coming from Madrid, **Leonardo da Vinci and the Music** (“Leonardo da Vinci e la Musica”), presents a series of musical instruments, designed by the genius, as part of an interactive exhibition which recreates a fascinating Renaissance environment.

The Magic of Science (“L’Incanto della Scienza”) will present for the first time in Italy the works of **Felice Frankel**, the famous **MIT** scientist and photographer well-known for her scientific images with high visual impact.



Exploring the Invisible: the Human Body between Transparency and Artificiality (“Esplorando l’Invisibile: il Corpo Umano tra Trasparenza e Artificializzazione”) proposes an interactive study – inspired by **Tomas Maldonado**, philosopher and expert of technology – to discover the progressive “unveiling” of the human body over the course of the history of science.

CONFERENCES AND ROUND TABLES

There will be approximately **120 conferences and round tables**, involving key experts from Italy and abroad.

The Festival will dedicate particular attention to the key sector of **neuroscience**, with the participation of scientists like **Jean-Pierre Changeux**, **Vilayanur Ramachandran**, **Semir Zeki**, **Alain Berthoz**, and **Gary Marcus**. The Festival will also celebrate the centenary of the birth of **Gregory Bateson**, the specialist in cybernetics and anthropology who founded the “ecology of ideas,” with a testimonial by his daughter, **Mary Catherine Bateson**.

One of the central themes of the Festival will be **biodiversity** with an international round table (including **Niles Eldredge**, **Luigi Luca Cavalli-Sforza**, and **Patrick Bateson**, among others), an exhibition of the Museum of Natural History of Genoa, and conferences held by famous naturalists, including **Folco Quilici**.

Conferences by **John Barrow**, **Jayant Vishnu Narlikar**, and **Giovanni Bignami** will be dedicated to the theme of exploration, in particular exploration through cosmology.

The long list of international guests also includes the physicist expert in optical science **Charles M. Falco** (and the art historian **John T. Spike**), the mathematician **Stephen Smale**, the inventor of the birth control pill **Carl Djerassi** and many science writers like **Sherwin Nuland**, **James Gleick**, **Brenda Maddox**, and **Peter Atkins**.



PERFORMANCES, GAMES AND EVENTS

Many “edutaining” events will be offered to the public. Among these, **Ambrossia**, a show featuring soap bubbles molded by the geometric virtuosity of **Pep Bou**, an artist-architect from Catalonia, and the concert *La Musica di Leonardo*, featuring the original instruments designed by the artist-scientist himself.

A series of circus performances will animate the city with acrobats and jugglers, while the physicists **Andrej Varlamov** and **Sergej Krotov** will show the grand educational tradition of their Country within *Arrivano I Russi* (“Russians Are Coming”), which combines science with sports, art, cinema and cooking.

The popular initiative **Sapori di Scienza** (“The Flavors of Science”) will offer a **restaurant** serving specialties of **molecular gastronomy** for the whole Festival, with conferences and tastings related to the **physics of coffee and wine**.

One of the new features this year will be a **robot competition**, in which students will have a chance to show their talent in building robots that can compete against each other, and a **scientific game room**, in which visitors to the Festival can test their knowledge.



INFORMATION, RESERVATIONS AND TICKETS

Information for the public can be found at the website www.festivalscienza.it, and, at the telephone number + 39 010 6591013 (active since September).

Ticket prices:

Daily pass (valid until midnight of the date of issue)

Full price	8 euros
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Reductions (under 18, students with university ID's, over 65, disabled persons)	6 euros
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Carnet for the 12 days of the Festival

Full price	15 euros
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Reductions (groups over 20 people – one free ticket every 20 people –, students with university ID's, over 65, disabled persons)	12 euros
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Under 18	8 euros
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Press Office

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