On 2 June 2013, take part in the Big Bang Passport celebrations

ENTERTAINING ATTRACTIONS AND BICYCLE RIDES around the CERN sites

SUITABLE FOR ALL THE FAMILY – FREE OF CHARGE – FROM 9.00 A.M. TO 6.00 P.M.

www.passeportbigbang.org
ON YOUR DOORSTEP…
A UNIVERSE WAITING TO BE DISCOVERED

On Sunday 2 June 2013, come and take part in the Big Bang Passport event

The Big Bang Passport, a scientific discovery trail for the general public through the countryside around CERN, comprises ten themed platforms facing ten CERN sites in the Pays de Gex and the Canton of Geneva. All the platforms are interconnected by cycle paths.

- **From 9.00 a.m. until midday**, a 54-km mountain-biking rally for the hardened enthusiasts and a bicycle tour for families starting at CERN’s Prévessin site. Free of charge, please sign up at: www.passeportbigbang.org
- **From 2.00 p.m. until to 6.00 p.m.**, featured attractions at all ten stages of the Big Bang Passport circuit.

For more information: www.passeportbigbang.org

CERN’s Prévessin site is open from 9.00 a.m. until 6.00 p.m. The other sites are open from 2.00 p.m. until 6.00 p.m. All activities are free of charge and take place at ground level. They are suitable for all members of the general public, unless indicated otherwise. The underground sites are not open. All the Big Bang Passport platforms are equipped for disabled access.

**Lego stand** Build your own scientific facility… out of Lego!

**Arrabesk oriental dance troupe**
Performance of oriental dance and introduction to Egyptian dance.

**Meyrinoise Muslim cultural association**
Demonstration of Arabic script and introduction to Arabic calligraphy. From 4 years of age.

**Sapaudia cross-border choir** A cappella performance on the theme of travelling.

**CERN orienteering club**
Introduction to orienteering on courses with increasing levels of difficulty.

**The Meyrin Vivarium Elapsoidea** Meet various species of reptile.

**The ATLAS Experiment** Physicists working on the gigantic ATLAS detector tell you how they use a massive experiment to explore the infinitesimally small.
**Friends of the “Haute chaîne du Jura” nature reserve** Exhibition and quiz about the Jura mountain range.

**Pays de Gex inter-commune music school** Introduction to wind instruments, perception of different sound frequencies.

**École Le Lion, Saint-Genis-Pouilly** Emulating scientists, schoolchildren have been doing research on mysterious boxes.

**CERN Fitness Club** Introduction to Nordic walking with a hike around a 15-km circuit. Start: 2.00 p.m.

**Saint-Genis-Pouilly tourist office** Design your own cordial-flavoured ice-cream or fruit on a skewer smothered in melted chocolate!

**The ALICE experiment** Scientists from the ALICE experiment take you on an adventure into Particle-land, where you will discover a curious instrument, the “Cosmophone”.

**Echenevex Lynx Bike** Learning in small groups how to keep your balance and gain speed on a bicycle. *From 6 years of age.*

**Pays-de-Gex-La Faucille tourist office** Find out about the region’s tourist attractions.

**Parc naturel régional du Haut Jura** Take a ride on an electric bike. Departures every 30 minutes.

**From 14 years of age. Minimum height: 1m50.**

**The Sun trip 2013** Meet two adventurers who are setting off on a 7500-km voyage on solar bicycles.

**CERN attraction** Scientists share the secrets of the accelerator lying beneath your feet.
**“CMS” stage-FR, Cessy, D15G-46.311°N, 6.078°E**

**The Lyon Kapla club** Build your own accelerator or another large scientific machine...out of Kapla bricks.

**Pays-de-Gex-La Faucille tourist office** Information on tourist attractions.

**CERN Fitness Club** Demonstrations of powerlifting and beginner classes in fitness and zumba.

**The CMS experiment** Scientists from the enormous CMS experiment introduce you to their fascinating research.

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**“Environment” stage-FR, Versonnex, Bois Chatton 46.293°N, 6.112°E**

**The Pays de Gex Pedestrians and Cyclists Association** Fun and games on bikes: slow-bike race, folding bikes and gymkhana.

**CERN Solar Club** Discover the potential of solar energy - from the fountain to solar car (in which you can even take a ride).

**French Red Cross** Activities and an introduction to the administration of first aid.

**Divonne tourist office with Divonnélectro** Learn about renewable energy - rides on electric bikes, demonstrations with photovoltaic panels, exhibition on hydroelectric power generation...

**CERN attraction** CERN specialists answer your questions on safety and the environment.

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**“Cryogenics” stage-FR, Ornex, Rue des Fins -46.266°N, 6.114°E**

**CERN Cryogenics Lab** Take part in experiments where extreme cold is used to transform matter. Taste our delicious nitrogen ice-cream.

**Geneva University’s Physiscopé** Fascinating demonstrations where you will learn about physics and have fun at the same time. Go back to the future on our levitating scooter...

**UNICEF** Presentation of UNICEF’s action in defence of children’s rights.

**CERN attraction** The world’s most gigantic deep-freezer is right beneath your feet. Cryogenics specialists talk about their techniques and trade.
“Neutrinos” stage-FR, Prévessin-Moëns, D35 - 46.249°N, 6.068°E

Cultura Italia Tastings of Italian specialities, information and discussions on Italian culture.

Orion Astronomy Club Gaze at our star using filtered telescopes, discover the map of the sky.

CERN F6KAR amateur radio club Experiment with transmission techniques and connect up with radio hams across the world.

Collège le Joran Children from the school’s science workshop explain their work and perform demonstrations with the robots and drones they have built.

CERN attraction Hear CERN scientists talk about neutrinos, those peculiar, evasive little particles that CERN beams all the way to Italy.

Activities on the Prévessin site from 9.00 a.m. until 6.00 p.m.

Mountain-bike rally and cycle-tours Mountain-bike rally and bicycle tours for families, starting at 9.00 a.m. Please sign up at: www.passeportbigbang.org

CERN Staff Association Games for children and information on the Association’s activities.

Concert given by the Association K Mi sol

France’s National Forestry Office (ONF) Exhibition on the theme of the forest and a senses discovery trail in the woods on the CERN site.

Touring Club Suisse w course - a bicycle proficiency test - and try out the alcohol simulation goggles. Alcohol simulation goggles for adults only.

CERN attraction At the site entrance, from 2.00 to 6.00 p.m., the LHC operators will explain how they control the world’s largest accelerator.

Ferney-Voltaire tourist office Information on tourist attractions in Voltaire country and the Pays de Gex.
The inauguration of the Big Bang Passport has been awarded the label “Sports and sustainable development event”.

Association La Forestière
Presentation of the annual “La Forestière” bike race, which attracts 3500 participants and includes special events for children.

CERN Photo Club Drop by this stand and pick up a souvenir photo.

France Bénévolat Find out about the association and meet some of its members.

The experimental garden Amazing and amusing experiments on matter. Meet a moon scientist who uses everyday objects to arouse people’s curiosity and do extraordinary experiments.

Ferney-Voltaire and Prévessin-Moëns parents-teachers association Children are invited to come and sketch the scientists.

The LHCb Experiment Scientists introduce you to their experiment on the mysterious thing that is antimatter - and this is no science-fiction.

Meyrin parents/teachers association Presentation of the activities for the young, educational and skill-based games for children.

Meyrin Table-Tennis Club Demonstrations, initiation for members of the public and matches.

Pays de Gex Martial Arts Introduction to the Chinese and Japanese martial arts, Kung fu, Tai Chi, Sanda and Karate.

CERN attraction Demonstrations of high-precision measurement techniques by the CERN surveyors. Come and get your hair’s breadth measured!

Meyrin Basketball Club Dribbling and basket-shooting exercises. From 5 years of age.

Meyrin parents/teachers association
Presentation of the activities for the young, educational and skill-based games for children.

This project has been selected for inclusion in the European Territorial Co-operation programme INTERREG IV A France-Switzerland 2007-2013.