

## AIRPORTS

Paris Airports include:

- bureau de change
- 24-hour cash machines (ATMs)
- Post offices open from 08:30 to 18:00
- Restaurants, fast food outlets, cafés and bars
- Many shops, including high-street favourites, exclusive stores and duty-free
- Car hire companies - including Avis, Budget, Citer-Eurodollar, Hertz, Eurorent, Europcar
- Book your Paris Car Rental here - excellent rates available, up to 65% discount
- Short-term car park available at various places near the terminals
- Long-term car park nearby, with thousands of undercover and outdoor parking spaces

### ROISSY CHARLES DE GAULLE AIRPORT (CDG)

Tel: +33 (0)1 48 62 22 80

This is France's largest airport, with extensive international airline facilities and ground transport into the city centre. Roissy Charles de Gaulle Airport is situated north-east of Paris and handles over 200,000 passengers every day.

#### Charles de Gaulle Airport By Car

The easiest way to drive into central Paris is by the A1 motorway or the A3 motorway. Depending on traffic, the journey should take around 40 minutes.

#### Charles de Gaulle Airport By Train

This airport was one of the first in Europe to have an integrated train system and the RER rapid TGV train service travels to the centre of Paris in just 40 minutes. Euro Disney is only 10 minutes away and Brussels can be reached in an hour. Trains depart every 15 minutes, more frequent during peak times. Line B runs from the station at Terminal 2 to the Gare du Nord station, with good connections to the Metro underground system.

#### Charles de Gaulle Airport By Bus

Regular bus services run every 10 minutes by Air France, between 05:50 to 23:00. They run from Place Charles de Gaulle, via Port Maillot to Roissy Charles de Gaulle Airport Terminals 1 and 2 and the journey takes around 40 minutes. Roissybus operates a service between the airport terminals of Charles de Gaulle Airport and the Opera district of central Paris. This service runs every 15 minutes between 06:00 and 22:30 taking about 45 minutes. There are also additional services running from Montparnasse, via Gare de Lyon to Roissy Charles de Gaulle Airport between 07:00 and 21:30 and the journey lasts approximately 50 minutes.

#### Charles de Gaulle Airport By Taxi

Taxis are readily available outside the terminals and a taxi journey from Roissy Charles de Gaulle Airport to central Paris will last about 45 minutes, depending on traffic. There are also chauffeur-driven limousines available for hire.

### ORLY AIRPORT (ORY)

Tel: +33 (0)1 49 75 15 15

Orly is one of Europe's busiest airports, with free shuttle buses operating between its two terminals, is conveniently served by its own rail station and is connected to both RER Lines B and C which take you to the heart of the city.

#### Orly Airport By Train

There is a fast rail service available called the Orlyval and this runs between both terminals. It has several stops in the airport and links up to the RER B railway line at the St. Antony station, where services run to the city centre. The journey to the Gare du Nord in central Paris last about 30 minutes. There is also a combined bus and rail service that connects with the RER C railway line.

## Orly Airport By Bus

There are several scheduled bus services that connect the airport with the Paris city centre. Air France Coache Line 1 stops at the Air France Terminal in Invalides, and to the south of the centre in Montparnasse and the journey lasts about 35 minutes. The Orlybus service travels to south central Paris in the Place Denfert-Rochereau and the journey takes about 25 minutes. The Jetbus service links to the terminus station for the Paris Metro Line 7, and a journey to the metro station takes around 15 minutes.

## Orly Airport By Taxi

Taxis are readily available outside the terminals and a taxi journey from Orly Airport to central Paris will last about 25 minutes, depending on traffic.

## CITY TRANSPORTATION

Paris is a relatively easy city to get around. The centre is fairly compact and most of the sights are within walking distance of one another. Much of the city, particularly central Paris, is pedestrianised. If you are in the city centre there is an excellent bus network and the local Metro underground railway runs an efficient service throughout the city. Alternatively, if you prefer to be driven around there are plenty of taxis, although these can prove an expensive way to travel.

## GENERAL INFORMATION

CURRENCY: Euro (EUR),  
LANGUAGE: French  
TIME ZONE: GMT+1,  
PHONE COUNTRY CODE: +33  
CITY CODE: 01 (do not dial the 0 when dialing the country code)  
AVG TEMPERATURE IN C: September: 15°C/8°C  
EMERGENCIES: 112  
POLICE: 17  
FIRE: 18  
AMBULANCE: 15 or 18

## CONFERENCE CENTER LOCATION

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**CALL FOR PAPERS**

Submit your abstract on:  
[www.space-access2011.com](http://www.space-access2011.com)

# SPACE ACCESS

INTERNATIONAL CONFERENCE

Paris, September 21-23 septembre, 2011



**AStech**



By the early 21<sup>st</sup> century space based systems have become an essential part in our daily lives. They have spurred the fast development of a sophisticated downstream economy around personal terminals and value-added services. Space systems are indispensable for the security and well-being of entire communities and countries, as they make global-scale environmental and climate monitoring, operational meteorology, secure communications and early detection of hostile acts possible. Space science and exploration push the boundary of our understanding of the Universe, and make it possible to predict and mitigate solar phenomena with dire consequences on Earth. Last, but certainly not least, robotic and human exploration of our Solar System caters for Humankind's urge to go beyond – to know, explore and understand.

None of the above is possible without first getting into space. Therefore, a dependable and affordable access is more than ever an irrenounceable “must-have” for an increasing number of countries. This 1<sup>st</sup> Conference will draw a general panorama of how new space players go about securing dependable and affordable space access for their missions, and how traditional space powers maintain, expand and improve their access to space capabilities. Since escaping Earth's gravity is a multidisciplinary endeavour if there is one, this conference will not only cover technical aspects of access to space, but also the economic, business, organizational and political challenges of space access.

The programme committee of this first international conference is calling for outstanding papers on institutional or commercial payload launch solutions, from both established and innovative players.

A special focus will be dedicated to:

- The new American access to space strategy, including for the international station, taking into account a shifting space policy, the EELV dimension, and the emergence of low-cost initiatives (such as the Falcon family);
- Recent developments and future steps in emerging launching countries, such as Brazil and South Korea, with their diverse approach to developing a space access capability;
- China and India's growing and diversifying access to space needs and the implications for the continuation and evolution of their respective launcher families;
- Evolution of the European launcher family: Ariane 5 ME, NGL/Ariane 6, Vega, and the possible influence of a moving institutional landscape;
- Japan at a crossroads: following the establishment of H-IIa as a dependable international player, what will come next?
- Evolution of the Russian access to space infrastructure, with new launchers under development or proposed, new spaceports and the consolidation of the industrial landscape;
- What future for international launch service ventures, in the light of the Sea Launch re-organisation and ILS “re-nationalisation”, and progress on Soyuz in Kourou;

- A specific session will make a focus on the small payload market and the related launch systems.

This conference will bring together the main actors of the access to space field: end-users, institutional strategists, agencies, industrial prime contractors, first tier sub-contractors and equipment suppliers, system engineers, scientists...

This conference is expected to be the forum for fruitful discussions and time will be obviously be allowed for networking across the international community on the following topics:

- Launch services
- Launchers systems architecture
- Evolving payload requirements in terms of mission, environment, availability and reactivity
- Propulsion solutions (Cryogenic, Lox/Hydrocarbon, Solid propulsion, Hybrid propulsion, ...)
- Attitude control solutions
- GNC and software
- New trends in avionic concepts and equipment
- Lightweight structures and materials
- Life cycle cost management - from development to operations and qualification maintenance
- New mission requirements (GEO direct, super-synchronous...) and associated solutions
- Environmental impact of launchers
- Consequences of new space laws and best practices regarding space debris
- Breakthrough concepts and technologies

## CALL FOR PAPERS

### ADVICE TO AUTHORS

- The selected papers will be presented in a 20 minutes speech at the conference + 10 minutes for Questions & Answers.
- An abstract will be selected based on the importance and originality of the subject addressed, on its relevance to the conference theme, on the clarity of its expression.
- The abstract should be a "stand alone" summary that can be used in the compilation of abstracts.

- The abstract should be in English, and no longer than 400 words.

### ABSTRACT DEADLINE

February 18th, 2011

### LANGUAGE

Please note that the symposium's official language is English. All documents must be in English.

[The abstract should be submitted on www.space-access2011.com](http://www.space-access2011.com)

## PARIS

Paris, France is one of the most fascinating and romantic cities in Europe, and tourists visiting this wonderful city will find that things to see and do are almost limitless. Known as the 'City of Light', the beauty of Paris is overwhelming and its architectural and artistic heritage combine with undeniable appeal and world-class tourism to make any visit an unforgettable experience.

Divided into a total of 20 different numbered districts (arrondissements), Paris spirals around the River Seine and comprises almost 400 different metro stations, meaning that finding your way around really is a breeze. The most familiar arrondissements comprise the areas named Bastille, Élysée, Ile dxe la Cite, Louvre, Marais, Montmartre, Montparnasse, Opéra and the Latin Quarter.

If you are in the Louvre area, you may well choose to pay a visit to the city's tourist information centre, named the Office de Tourisme et de Congrès de Paris. Further official tourism outlets are to be found at Anvers, Montmartre, the Porte de Versailles and Pyramides, as well as at the train stations known as the Gare de l'Est, the Gare de Lyon and the Gare du Nord. Many popular Paris apartments line the banks of the River Seine and tend to become more expensive as they approach the Avenue de New York (next to the Palais de Chaillot) and the Quai Branly, which stands alongside the iconic Eiffel Tower (Tour Eiffel) and close to the expansive Parc du Champs de Mars. Accommodation is also in plentiful supply within the vibrant Montmartre area, where the Sacré Coeur and the Moulin Rouge cabaret are amongst the main tourist magnets.

Every year millions of people come to Paris to marvel at its exquisite beauty, savour its exceptional cuisine and indulge in its world-famous shopping. The sheer magnificence of Paris never fails to surpass all expectations and every visitor finds what they are looking for, be it history, architecture, arts and culture, or even

the most modern attraction such as Disneyland Paris. Being relatively small in comparison to many capital cities makes Paris a very practical city for visitors, with many of the major points of interest and splendid Parisian landmarks being within walking distance of one another.



Paris, France is one of the world's best-loved cities and the River Seine, as it weaves its way passing under numerous bridges, adds to the immeasurable beauty and charm, whilst neatly dividing the city into two. Situated north of the river, in the area known as the Rive Droite (Right Bank), are some of the most renowned Paris landmarks including the Champs Élysées leading to l'Arc de Triomphe. Lying at the other end of the Champs Élysées is La Place de la Concorde, a beautiful square where several important historical events have taken place, including the execution of Louis XVI. East of the avenue is the acclaimed Louvre and the Centre Georges Pompidou. South of Centre Pompidou is the majestic Notre Dame on Île de la Cité.

The area to the south of the river is known as the Rive Gauche (Left Bank) and it is here that the Eiffel Tower, the most prominent landmark in Paris and famed throughout the world, dominates the skyline, and provides breathtaking views of the wonderful symmetry of the city. More information on Paris Tourist Attractions.

The city of Paris offers a wide selection of restaurants serving mouthwatering French food, as well as a choice of international cuisine, and the vibrant French nightlife provides a wealth of entertainment options. Disneyland Paris, Parc Astérix and the Palace of Versailles are just a few of the many places of interest which are situated within easy reach of this French capital.