

Chairman: Marc Monthioux

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ORGANISING COMMITTEE

M. Monthioux (Toulouse), F. Béguin (Orléans),
B. Allard (Vénissieux), G. Furdin (Nancy),
C. Morlay (Lyon)

PROGRAMME COMMITTEE

The Programme Committee will be mainly composed of members of the GFEC, added with outer experts.

INTERNATIONAL ADVISORY COMMITTEE (tentative)

Australia: M Lu, G Newcombe, ...; **Belgium:** JC Charlier, P Lambin, ...; **Brazil:** L Depine de Castro, ...; **China:** HM Cheng, J Qiu, ...; **Czech Rep.:** L Kavan, ...; **France:** F Christin, T Leveugle, A Loiseau, A Oberlin, ...; **Germany:** W Klose, C Thomsen...; **India:** L Manocha, R Mathur, ...; **Italy:** S Fiorito, ...; **Japan:** M Endo, T Enoki, H Hatta, T Kyotani, I Mochida, K Suenaga ...; **Korea:** CR Park, SK Ryu, ...; **Mexico:** A Marquez, ...; **Poland:** S Blazewicz, E Frackowiak, ...; **Portugal:** JL Figueiredo, ...; **Spain:** R Menendez, C Moreno-Castilla, F Rodriguez-Reinoso, ...; **Taiwan:** TH Ko, ...; **Switzerland:** L Forro, ...; **UK:** MI Heggie, S Mikhailovsky, P Thrower, AJ Whickham...; **USA:** T Burchell, D Chung, J Fischer, Y Gogotsi, R Hurt, L Radovic, ...

The conference will be held in downtown Biarritz, right on the beach front.

By plane

- *From Biarritz Airport (4 km):* Conference shuttle bus to downtown will be organised (or by taxi, 10 min).

- *From Bordeaux Airport (200 km):* Connections to Biarritz by train or taxi (2 hr) - Connections to Bordeaux train station (by bus or taxi, 45 min)

- *From San Sebastian Airport, Spain (50 km):* Connections to Biarritz (by bus 1 hr) - Connections to San Sebastian bus station (by taxi, 15 min)

- *From Bilbao Airport, Spain (150 km):* Connections to Biarritz (by bus 3 hr) - Connections to Bilbao bus station (by taxi, 20 min)

- *From Orly Airport (Paris):* Connection flights to Biarritz Airport (~1 hr) - Connections to Paris train stations (by train and subway, 30 min - 1 hr).

- *From Charles de Gaulle Airport (Paris):* Connection flights to Biarritz Airport (~1 hr) - Connections to Paris train stations (by train/subway, 30 min - 1 hr).

By train

Biarritz train station is 5 min (conference shuttle bus) from downtown. Bayonne train station is ~15 min by taxi.

From Paris : Regular trains (~7 hr) or high speed trains (~5 hr) from several stations.

By road

From Paris: A63 highway (~9 hr)

From Spain: N1 Or A8 (~1/2 hr from the border)

The Annual WORLD CONFERENCE on CARBON

Biarritz, France
June 14-19, 2009

First Announcement



Carbon is definitely a unique element: due to its electronic and morphological versatility, its extreme properties, and its abundance on the Earth surface, it has become more and more indispensable in our modern society because it is present in many applications having a direct incidence on our daily life, to an extent that the public is even barely aware of. Carbon is everywhere, not only in our bodies, but in our cars, planes, batteries, implants, sports goods, filters, tools, satellites, buildings, etc. And because, it is one of the main actors of the current nano-revolution thanks to fullerenes, nanotubes, and more generally to its unique ability of building macro-scale materials from nano-sized entities, the interest for carbon is not about to end.

The **Annual World Conference on Carbon**, which is held in the American, Asian, and European continents alternatively since Year 2000, is a unique opportunity for the academic and industrial people involved in carbon material research and development to meet and discuss their findings, views, needs, and problems. Because attendees come from everywhere in the world, often after a long and tiring journey, we have to offer them the appropriate site that matches the event, i.e., a place that combines comfortable lodging and working facilities, good cuisine, a relaxing atmosphere, and beautiful scenery. For the mere reason that, after the brain has worked hard, the body has to enjoy!

Biarritz offers all this. A backdrop for the *Basque* culture, facing the Atlantic Ocean, rimmed with blond sand beaches that lie between giant rocks and cliffs, this historical city was selected in the 19th Century by European sovereigns as their favourite place for leisure: sea baths, golfing, casino games... All these activities are still there, waiting for you, nowadays complemented with surfing, hiking,...

Come to Biarritz for **CARBON'09**, you will come again for your own good.



ACCOMMODATION

Hotel rooms will be available in a selection of hotels of various categories, all located at short walking distance from the conference site.

PROGRAMME

The Conference will hold in two Casinos built in the early XXth Century, recently renovated in full respect of their original design.

There will be room for 4 plenary lectures (45'+10'), ~24 keynote lectures (20'+10'), ~240 oral communications (15'+5'), and ~400 posters. Keynote lectures and oral communications will be dispatched in four sessions running in parallel. Posters will be dispatched in 3 poster sessions.

Social events will take place all along the conference, open to all of the attendees at no extra cost.

A social programme will be proposed to accompanying persons, apart from the Conference, at additional cost. It will provide a unique occasion to learn about *Basque* culture.

Communications on the synthesis, behaviour, properties, processing, and applications of all kinds of carbon materials (*sp*, *sp*², *sp*³) will be welcome. They will be dispatched in the following topic list:

- T1:** Carbons grown or deposited from gas phase and plasmas: processes, characterisation, mechanisms, properties, modelling
- T2:** Carbons from "soft" precursors (pitches, polymers,...): processes, characterisation, mechanisms, properties, modelling
- T3:** Electrochemical synthesis, characterisation, processing, and applications (e.g., energy storage)
- T4:** Carbon-based composites and composite components (e.g., fibres, nanotubes, matrices,...) for mechanical (e.g., structural, tribological,...) applications: processes, characterisation, mechanisms, properties, behaviour, modelling
- T5:** Chemical and physical modifications: functionalisation, doping, intercalation, exfoliation, solid state transformations
- T6:** Liquid and gas storage, adsorption (synthesis, structure, kinetics, modelling)
- T7:** Electronic, optical, opto-electronic properties and applications (field emission, sensors, circuitry, ...)
- T8:** Nuclear and solar applications, and thermal management
- T9:** Carbons related to nature, biology, environment, and health
- T10:** Advances in processing (purification, sorting, machining, ...) and characterisation (TEM, Raman, spectroscopy, modelling, ...)

REGISTRATION

A dedicated website address will be provided in due time for online registration.