INTERNATIONAL CONFERENCE ON MULTIAXIAL FATIGUE AND FRACTURE - ICMFF12
Bordeaux - 2019

Thierry Palin-Luc (Chairman) and Franck Morel (co-Chairman)

French proposal for ICMFF12 in Bordeaux
ICMFF 2019 in Bordeaux (France)

by Thierry Palin-Luc (Chairman) and Franck Morel (co-Chairman)

✔ The 4th International Conference on Biaxial and Multiaxial Fatigue and Fracture was organised in France (Saint Germain en Laye) in 1994.

✔ After more than 20 years, the 12th edition of ICMFF in 2019 will be the occasion to come back in France for an interesting overview of all the new techniques and progress that have been carried out in theoretical approaches, experiments, understanding between mechanics and materials science and manufacturing processing too.

Significant progress in the field of multiaxial fatigue and fracture to prevent catastrophic failures need a strong link between experiments, simulations (including the high power of numerical tools) and theoretical works.

✔ Researchers in several universities and engineering schools are active in France in the field of multiaxial fatigue and fracture (Arts et Métiers ParisTech, Mines ParisTech, Poltechnique, LMT Cachan, INSA Lyon, ENSMA,... A. Pineau, V. Doquet, S. Pommier, K. Dang Van, A. Constantinescu, E. Charkaluk, J.Y. Buffière, S. Calloch, Y. Nadot, M. Sauzay, F. Morel, T. Palin-Luc,...) and several industries or technical centers (CETIM, EDF, Renault, Peugeot, etc.)

✔ Candidature proposed by both Arts et Metiers ParisTech and SF2M (Fatigue Commission)
Bordeaux is the economic capital of the south-west of France
BORDEAUX IS THE CAPITAL OF THE AQUITAINE REGION

Arcachon, Cap Ferret...

The « landaise » coast Regional Natural Park

Pays Basque Biarritz, Saint Jean de Luz...

Périgord Sarlat Lascaux

Pays d’Albret Canal du Midi

Pyrénées Pau

Region Aquitaine
BORDEAUX, AN EMBLEMATIC CITY OPEN TO THE WORLD

A world-famous destination, Bordeaux is a beautiful city in an outstanding region, with a habit of surprising its visitors ...

Beyond the architectural and cultural heritage, Bordeaux has become an influential and attractive metropolis.

- **UNESCO World Heritage Site** since 2007
- The world capital of wine
- 2\textsuperscript{nd} French congress destination
- 300 professional meetings per year
- 3 million visitors per year

The wine-growing activities and the strong political and cultural links with the British Isles have given Bordeaux an international flavour since the Middle Age! Today, the city hosts 50 consulates and diplomatic offices. The harbour and airport connect Bordeaux to the outside world.

Place Gambetta
A CLASSICAL CITY, DATING TO THE ENLIGHTENMENT, FOUNDED 2,000 YEARS AGO

- 350 historic monuments
- widest urban area listed as a World Heritage Site by UNESCO (1 800 hectares)
- an 18th century architectural gem

French proposal for ICMFF 2019 in Bordeaux
In 2012, Bordeaux has been ranked 3rd for the quality of living by the French magazine l’Express.

With modern urban transport
Bordeaux is world-renowned.
Chances to visit wineries, taste and discover the wines, and use the exceptional setting of the châteaux for events, are the major assets of our destination.

The World Capital of Wine

French proposal for ICMFF 2019 in Bordeaux
The village of Saint-Emilion is a true medieval jewel, inscribed on UNESCO’s World Heritage List since 1999. Romanesque and gothic churches, dungeons, catacombs and an underground church lie in the middle of the most famous vineyard in the world...
A natural beauty of sand beaches planted with pinewoods awaits your arrival. Famous for the spectacular Dune of Pyla (117 meter high), it is the best place to discover oyster farming or to enjoy a boat trip.
As the economic capital of South-Western France, Bordeaux can be easily reached by **air, train and road.**

- **Bordeaux International Airport**
- **High speed train**
  Paris - Bordeaux
- **Road: Highway network**
BY AIR

With its **international airport**, Bordeaux is connected to the rest of the world through 5 of the biggest European hubs:

- **Paris** Charles de Gaulle, 6 flights per day, 820 connections
- **Amsterdam**, 3 flights per day, 350 connections
- **London**, 3 flights or more per day, 150 connections
- **Madrid** and **Lisbon** (2 flights per day each): connections towards South-America
- **Rome Fiumicino**: 1 flight or more per day, 250 connections

**Bordeaux-Mérignac international airport** is 12 km from the city centre and 15 km from the convention centre. There are regular transfers between the airport and the city:
- Shuttle bus: 30 minutes
- City bus: 40 minutes
- Taxi: 20 minutes

**55 scheduled routes, 23 airlines, European airports of which 9 low cost companies** are served by regular flights.
Easy access by High Speed Train (TGV)
Today Bordeaux is connected to Paris by TGV in 3 hours (25 trains/day). In 2017, the time will be reduced to **2h Paris centre - Bordeaux center** and Roissy Charles de Gaulle airport within 3 hours. The city centre is linked to the train station by direct tramway.

**From abroad**
It is also possible to come to Bordeaux from abroad by train

**Duration without the transfers:**
- **Brussels** Direct 5h30
- **London** via Paris 4h15
- **Luxembourg** via Paris 5h20
- **Geneva** via Paris 6h25
- **Stuttgart** via Paris 6h30
- **Amsterdam** via Paris 7h
- **Frankfurt** via Paris 7h
- **Madrid** via Irun 7h40
ORGANISATION PROPOSAL

✔ 3 days

✔ Location: hotel in Bordeaux downtown

✔ 1 Plenary session + 2 or 3 parallel sessions + 1 poster session

✔ Welcome party

✔ Conference diner

✔ A half-day break for a cultural visit of Bordeaux center

✔ Electronic proceedings (USB key)

✔ Selected papers published in special issues of 2 international journals
Congress Venue
- Mercure Château Chartrons Hotel -
Beyond its magnificent Victorian-style front, the Mercure Château Chartrons Hotel welcomes you. Ideally located in the old wine trade district, the Hotel is a quality reference for business and tourist guests alike.

- Over 1500 m² of modular space on one level
- Atrium of 450 m²
- 20 fully equipped meeting rooms (recently renovated)
- Outdoor spaces for over 300 m²
- Fully equipped meeting room of 200 m²
MERCURE CHÂTEAU CHARTRONS HOTEL

EXHIBITION / LUNCHES / COFFEE BREAKS SPACE
French proposal for ICMFF 2019 in Bordeaux

June 2013
ACCOMMODATION
BORDEAUX OFFERS MORE THAN 4,000 ROOMS IN SOME 90 HOTELS IN THE HISTORICAL CENTRE

Main accommodation in the centre

1. Chartrons: 717 rooms (5 minutes from the Cité Mondiale)
2. Golden Triangle: 939 rooms (5 minutes from the Cité Mondiale by tramway)
3. Bordeaux Mériadeck: 1346 rooms (10 minutes from the Cité Mondiale by tramway)
4. Train station: 930 rooms (20 minutes from the Cité Mondiale by tramway)

Interconnected by tramway and bus

French proposal for ICMFF 2019 in Bordeaux
The Château Smith Haut Lafitte is part of a 78-hectare vineyard.

It has a 16th century tower, underground cellars with more than 1 000 barrels.

Visit of the cellars, wine tasting

Cocktail party on the terrace with a panoramic view of the vineyards

Seating dinner ~300
HALF-DAY CULTURAL VISITS OF BORDEAUX

- Visit of Bordeaux’s quays, streets and squares (World Heritage district)
- Visit of Bordeaux famous monuments (Grand Theatre, an 18th century masterpiece; 15th century cathedral and City Bell) or museums (Musée d’Aquitaine with historic and archaeological collections, CAPC’s modern art exhibitions...)
- Gourmet visit of Bordeaux with local food tasting: canelés (small fluted cakes), foie gras, cheese of the Pyrénées mountains, chocolates, Gironde’s caviar...
- Visit of wine-growing properties in the different vineyards surrounding Bordeaux (Médoc, Graves, Sauternes, Entre-Deux-Mers...)
- **Saint-Emilion**: medieval remains, dungeon, underground church; visit of a wine-growing estate for a full day experience
- Castle of the Enlightenment philosopher **Montesquieu**
- Introduction to wine-tasting and wine-making
- Cooking lesson with a chef
- French cafés, gastronomic restaurants and creative chefs will tease your senses!
TOTAL : 78,000 €VAL excl = 93,288 €VAL incl (and VAL 19,6%)

Based on : 120 participants
Regular fee : 600€ VAL incl
Student fee : 480 € VAL incl
5 Exhibitor stands: 2392 € each, VAL incl
Subsidies : ENSAM 8000 €VAL incl
  Aquitaine Region : 1794 € VAL incl
  AFM (French Mechanics Association) : 2000 € VAL incl
SUPPORT

Gruppo Italiano Frattura - IGF

THANK YOU FOR YOUR ATTENTION

ANY QUESTIONS...
After the conference ...

ONE DAY TO RELAX AND SO MUCH MORE

- Enjoy the world famous Spa les Sources de Caudalie and sample Vinotherapy treatments.
- **Arcachon Bay**: boat trip on the bay, tasting of oysters and local products in a fisherman cabin
- **Teich bird reserve**
- **The highest sand dune in Europe, The Dune du Pyla**
- Bordeaux is a wonderful golfing destination with **12 golfs**, many of international reputation. It is an opportunity to discover the beautiful landscapes of the Gironde estuary between vines and river.

- **wander** along Bordeaux’s streets, the city has been thoroughly renovated and is simply beautiful
- visit one of the 5 museums with **complimentary access** to permanent collections
- **shop**: Bordeaux offers a wide range of de luxe brands : fashion, jewels, delicatessen...
- **Nightlife’ activities**: theatre, opera, pubs and cafés, restaurants, casinos. The city is friendly all around the clock.
Sujet: Multiaxial Fatigue Conference 2019
De (renvoi) : <thierry.palin-luc@ensam.eu>
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Dear Prof. Palin-Luc,

Morris Sonsino informed me about your preparations for the planned international conference on multiaxial fatigue, probably in 2019 in Bordeaux. Certainly the DVM will support your candidature and deliver you information about our previous experiences and we agree for using our logo in your flyers, announcements and programmes concerning this conference.

We wish you and SF2M great success in your preparations and look forward to hearing from you.

Best regards
Lothar Krüger

DVM e.V.
Vorsitzender

On behalf of the Italian Group of Fatigue, it is a pleasure for me and my group to support the French candidature led by Prof. Thierry PALIN-LUC for organizing the 12th International Conference on Multiaxial Fatigue and Fracture in Bordeaux (France) in 2019.

The French activities in the field of multiaxial fatigue and fracture are well known and recognized for a long time. Several universities and engineering schools are working in this field together with several well known industries in the field of automotive, energy, aeronautics, etc. (Renault, Peugeot EDF, Airbus etc.)

Bordeaux is a nice city and old city with several historical nice areas and monuments that should welcome our ICFMM 2019 edition with success.

For all these reasons IGF support the French candidature lead by Prof. Palin-Luc (co-chairman with Prof. Frank Motel).

Casino (Italy) 03.05.2013

Prof. Francesco Iacovelli
Gruppo Italiano Fatique (IGF)
President