

Introduction Message

On behalf of the Fatigue Design 2011 International Scientific Committee and Organizing Committee, we would like to welcome you all to the 4th edition of Fatigue Design 2011 taking place at Cetim, Senlis, France on November 23rd & 24th 2011.

Senlis, the Royal City, located at 45km from Paris, has more than 2000 years of history. Notre-Dame Cathedral of 12th century, Saint-Pierre church, Medieval ramparts of 13th – 16th century, the “château royal” and 4 museums are among the most attractive places to be visited.

The topics of this conference are covering not only the traditional one as fatigue analysis of the welded structures but also the new topics as composite and elastomers fatigue behaviour, fatigue of orthopaedic implant materials and vibration fatigue testing and analysis. As in the previous edition the numerical simulation, fatigue analysis techniques and experimental approach are the important issues in the industry and will be discussed during the conference. The development of new modeling and simulation techniques in the area of fatigue make available for the industries, the valuable tools for fatigue analysis and design of the components and structures.

The presentations will focus on the latest development and most recent experimental, numerical simulation techniques and the associated engineering tools applied to the large domain of the industrial applications.

We do hope that the speakers and the delegates would have a fruitful exchange and discussions on technical and scientific developments and issues during the conferences. The poster sessions and exhibition stands are the complementary opportunities to facilitate the exchanges between the Scientists, industry participants, PhD students and the solution providers.

We wish you all a most pleasant stay in Senlis and hope that you will enjoy the conference.

Mansour Afzali
Chairman
Organizing Committee
Fatigue Design 2011

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Co-Chairman
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