

## ANNOUNCEMENT

### The First International Conference on Shot Peening

Paris, 14–17 Sept. 1981

The First International Conference on Shot Peening will be held in Paris from the 14th to the 17th September 1981. It has been organised by the Centre Technique des Industries Mécaniques (CETIM) (French Mechanical Engineering Technical Centre) under the patronage of the Industry Ministry.

Shot Peening is, in effect, a form of mechanical treatment by impact which improves the operating characteristics of both components and structures, and has rapidly developed in many different engineering fields, such as: aeronautics, forging, casting, offshore engineering, boiler making, general engineering, transport equipment, etc.

The organisation of this Congress has also been supported by the following technical and professional organisations: AFTI (France), VDI, (German Federal Republic), SESA-ASM and SAE (USA) which illustrates that the meeting will be one of an industrial nature.

75 papers have been selected from the large number to high quality lectures offered. These have been submitted from 15 different nations and have been grouped together into various themes of interest to industrialists and scientists operating in this field:

- General data on Shot Peening and its various fractures.
- The technological aspects of the process: types of machine, types of shot and inspection methods.
- The effect of Shot Peening on the structural, mechanical and geometrical condition of the material.
- Requirements and methods for measuring residual stresses.
- The effect of Shot Peening on the behaviour of components in service (fatigue and stress corrosion).
- The design of parts to suit this treatment: basic rules and practical examples.
- Peen forming.

A poster exhibition will present the current state of the art and aid discussion between the engineers concerned.

The registration fee will be FF1,150 which includes lunches, coffee breaks, and a copy of the Proceedings.

For any additional information regarding the technical content of the conference please contact:

Dr. A. NIKU-LARI

Centre Technique des Industries Mécaniques  
BP 67, -60304 Senlis Cedex (France)

Prof. H. O. FUCHS

Stanford University  
Mechanical Engineering Department  
Stanford, California 94305, U.S.A.

The Proceedings will be published by Pergamon Press Ltd, Headington Hill Hall, Oxford.