

# ICSAAM - 2009

September 7 - 10, 2009

Tarbes, France



## Descriptive of Structure topics

Various research subjects fall under the theme of Structure: material damage leading to crack growth and/or fatigue of structures under dynamic loading or impact, durability and reliability of structures, numerical simulations and experimental work involving large deformations and impact associated with suitable experimental techniques.

Concerning experimental studies, many non destructive tests have been developed in the past recent years in order to deliver more accurate data.

Therefore, papers dealing with processing, characterization and determination of physical properties of materials and structures are welcome in this topic. Finally, this also includes considerations about computing softwares, numerical models and advanced algorithms for simulation. Specific applications of modeling and simulation in science and engineering, with relevant applied mathematics are also included in this topic.