

# The 21st European Conference on Fracture (ECF21) June 20-24, 2016



On behalf of the **21st European Conference on Fracture (ECF21)** and the Program Committee, we are pleased to invite you and your colleagues to submit Abstract(s) to a **Mini- Symposium on "Fatigue crack initiation and propagation in gigacycle regime"**. ECF is one of the premier conferences in the field of fracture, fatigue and structural integrity, and has been held biennially since 1976. This is a very good opportunity for discussing between academia and industry for presenting recent studies as well as new problems, solutions and techniques.

Our Mini-Symposium will focus on topics such as

- crack initiation phenomena special to the VHCF range
- experimental techniques to monitor and characterize fatigue crack growth at very low stress / strain amplitudes
- interaction between crack path and microstructure in the gigacycle regime
- interaction between VHCF strength and material / component processing
- influence of environment and temperature in the VHCF regime

All proceedings will be published on line in the new Procedia Structural Integrity (Elsevier).

## Key dates:

Deadline for abstract submission (one page maximum): **Dec. 31, 2015.**

Paper acceptance: **Jan. 31, 2015**

Submission of full papers: between Febr. 1st, 2016 and **April 20, 2016.**

We are looking forward to meeting you in Catania in June 2016,

Thierry & Martina

## Mini-Symposium organisers

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