



14th International Conference on Fracture (ICF14) Rhodes, Greece, June 18-23, 2017

Mini-Symposium Announcement:

Mechanical behaviour and damaging micromechanisms in Ductile Cast Irons

Organised by

Prof. Donato Firrao¹, Prof. Francesco Iacoviello²

¹ Politecnico di Torino, Italy

² Università di Cassino e del Lazio Meridionale, Italy

Discovered about seventy years ago, DCI increased in the decades its importance, offering a wide mechanical properties spectrum due to varying chemical compositions and to different heat treatments. Due to the wide range of mechanical properties they offer, in the last ten years DCI confirmed their importance representing the largest tonnage of cast-to-shape products produced worldwide.

The mini symposium will accept papers that will be focused on the analysis of the DCI mechanical behaviour and/or will investigate the damaging micromechanisms due to different loading conditions (static, quasi static, cyclic or dynamic loads) and different environments.

Selected papers will be published in special issues of journals: "Theoretical and Applied Fracture Mechanics" and/or "Frattura ed Integrità Strutturale". Please send by email your expression of interest with a tentative title of your presentation together with the name, affiliation and email address of the corresponding author and the names of co-authors before 30th Sept. 2016 (QUOTING on the Subject line ICF14-MS) to:

iacoviello@unicas.it

firrao@polito.it