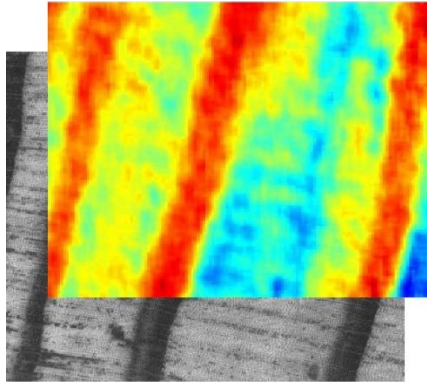


International Symposium on Full-field deformation techniques in structural integrity



The International Symposium on “Full-Field Deformation Techniques in Structural Integrity” will be held within the “2nd International Conference of Structural Integrity (ICSI)”, which will take place on the beautiful Madeira Island, Portugal, on 4-7 September 2017.

The Symposium aims at gathering recent developments and applications on full-field deformation techniques in the framework of structural integrity. The progress of computer science, automated image processing and digital cameras, propelled an entire novel photo-mechanical approach for experimental solid mechanics. Several full-field optical techniques have been proposed in the last decades, which can be classified as white-light, e.g., moiré, grid and digital image correlation methods, and interferometric, e.g., speckle and moiré interferometry, holography and laser shearography. Contrasting with pointwise techniques, these methods provide full-field data and are contact-free. The Symposium targets contributions overlooking the state-of-the-art and future perspective of using these techniques in structural integrity analysis.

All contributions in the form of extended abstracts will be peer reviewed and a number of selected papers will be published in a special issue of the Journal of Strain Analysis for Engineering Design (SAGE Publishing, Impact Factor: 1.25) upon peer review and acceptance.