

ADVANCES IN COMPUTATIONAL FRACTURE MECHANICS AND APPLICATIONS

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ABSTRACT

This mini-symposium deals with the state-of-the-art computational fracture mechanics applications. Applications of computational methodologies, such as, FEM, X-FEM, G-FEM, S-FEM, BEM and other advanced numerical techniques will be discussed in the mini-symposium. Fields of interests span a wide range of areas, such as aerospace, automobile, naval architecture, nuclear power, mechanical/civil engineering, and other structural applications. Outcomes of both the applied and fundamental researches are warmly welcome to the mini-symposium.