

TEROTECHNOLOGY AND RELATED ISSUES

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ABSTRACT

Terotechnology is the joint name for a set of activities focused on broadly defined use of machinery, especially technology of installation, commissioning, maintenance, replacement and removal of plant machinery and equipment. Terotechnology is derived from the Greek root word “tero”, which means “I care”, combined with the term “technology” to refer to the study of the costs associated with an asset throughout its life cycle from acquisition to disposal. Research in the field of terotechnology is therefore interdisciplinary and requires a specific approach efficiently connecting researchers from various fields, mainly mechanics, construction and operation of machines, thermodynamics, materials science, surface and coatings technology, wear, but also management and data analysis. The minisymposium “Terotechnology” is addressed to academic staff, research institutes to present results and exchange experiences in physical experiments and related computational simulations.