



THEMATIC SESSION: TS14

Title: Remanufacturing policies in the closed loop supply chain

Conference associated Topic: Sustainable Supply Chains

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Abstract: The management of return flows induced by the various forms of reuse, or recovery of products in industrial production processes has received growing attention throughout the last decades among practitioners as well as scientists. In this research area, closed loop supply chain aims to optimise the products reuse to reduce their environmental impact. This scheme has been widely studied under different aspects like remanufacturing. The remanufacturing activity is considered as rebuilding, refurbishing, reconditioning or overhauling the products. It aims to restore used products to a new like conditions through a series of industrial process in a factory environment.

This session concerns studies dealing with closed loop supply chain activities, remanufacturing, recovery and reuse strategies... It aims to gather original papers dealing with applications of optimization and simulation techniques. Papers that discuss real case studies are highly recommended.

Keywords: *Closed Loop Supply Chain, Remanufacturing, Reusability*

