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Datum 10. April 2008

Einladung zum Gastvortrag

Am **Mittwoch, 16. April 2008**, um 14:00 Uhr in Raum LE 104
wird Herr

Prof. Can Akkan, PhD

von der
Sabancı University, Istanbul, Türkei
einen Gastvortrag mit dem Titel

Task-Failure Driven Rebalancing of Disassembly Lines

halten.

Abstract:

In disassembly lines, uncertainties in the product structure and part conditions of the cores as well as disassembly damages may lead to task failures that have both operational and financial implications. Thus the predictive line balance established may not be executed for some cores causing such cores to leave current station early, skip station(s) or leave the disassembly line early. In this study, we address the problem of selecting a set of disassembly tasks in case of task failures and finding their precedence feasible assignment to remaining stations in an unpaced line so that monetary throughput is maximized. The task failure driven rebalancing is done by a mixed integer programming formulation and the performance characteristics of the rebalanced line are demonstrated through computational analysis.

Interessierte Zuhörer sind herzlich eingeladen.

gez. Prof. Dr. Alf Kimms