

Einladung zum ZeSOB Kolloquium

Am Montag, **08. Januar 2018**, ab **16.30h** spricht Frau

Prof. Dr. Nicole Megow

(University of Bremen, Faculty 03 - Mathematics and Computer Science)

über

Approximation in Stochastic Scheduling

Stochastic scheduling is concerned with scheduling problems in which job processing times are modeled as random variables with known probability distributions. The actual processing times are revealed only upon completion of the jobs. Such problems have been addressed since the 70s, but only more recently approximation results were derived. We give an overview of results and methods for obtaining provably good scheduling policies. This involves linear programming, lower bounding techniques borrowed from online scheduling, and index-based dynamic allocation rules known from multi-armed bandit problems. We conclude with some intriguing open problems.

Der Vortrag findet statt am Montag, 08. Januar 2018, ab 16.30 Uhr im Mehrzweckhochhaus (MZH) der Universität Bremen, Bibliothekstraße, 28359 Bremen, in Raum MZH 1110 (Ebene 1).

Alle Interessierten sind herzlich willkommen!

(Einladungsvorschlag von Prof. Dr. Thorsten Dickhaus)