



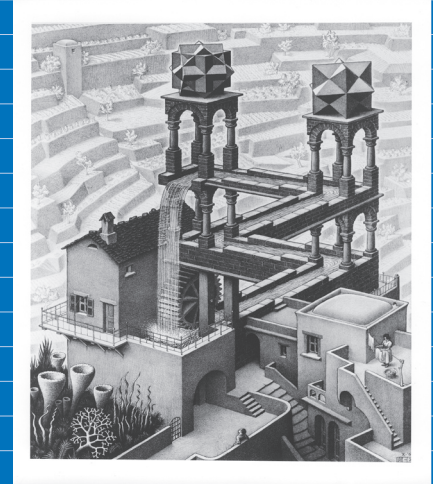
**Berlin
Mathematical
School**

BMS Fridays Colloquium

Friday, Oktober 31, 2008, 3:00 pm

Tea before the lecture starts at 1 pm

BMS Loft, Urania
An der Urania 17, 10787 Berlin



Martin Skutella (TU Berlin):

"Flows Over Time - Classical and More Recent Results"

Since the ground-breaking work of Ford and Fulkerson in the 1950s the area of network flows has developed into many interesting directions. Motivated by applications in transportation, logistics, communication etc., various network flow models and problems have been studied. Network flows over time (also called "dynamic" network flows) form a particularly interesting area. They include a temporal dimension and therefore provide a more realistic modeling tool for numerous real-world applications. In this lecture we discuss both classical and more recent results on network flows over time.

