

Mathematics & Computer Science
OPTIMIZATION SEMINAR

Monday – March 19, 2012
1:00 – 1:50 p.m.
E575



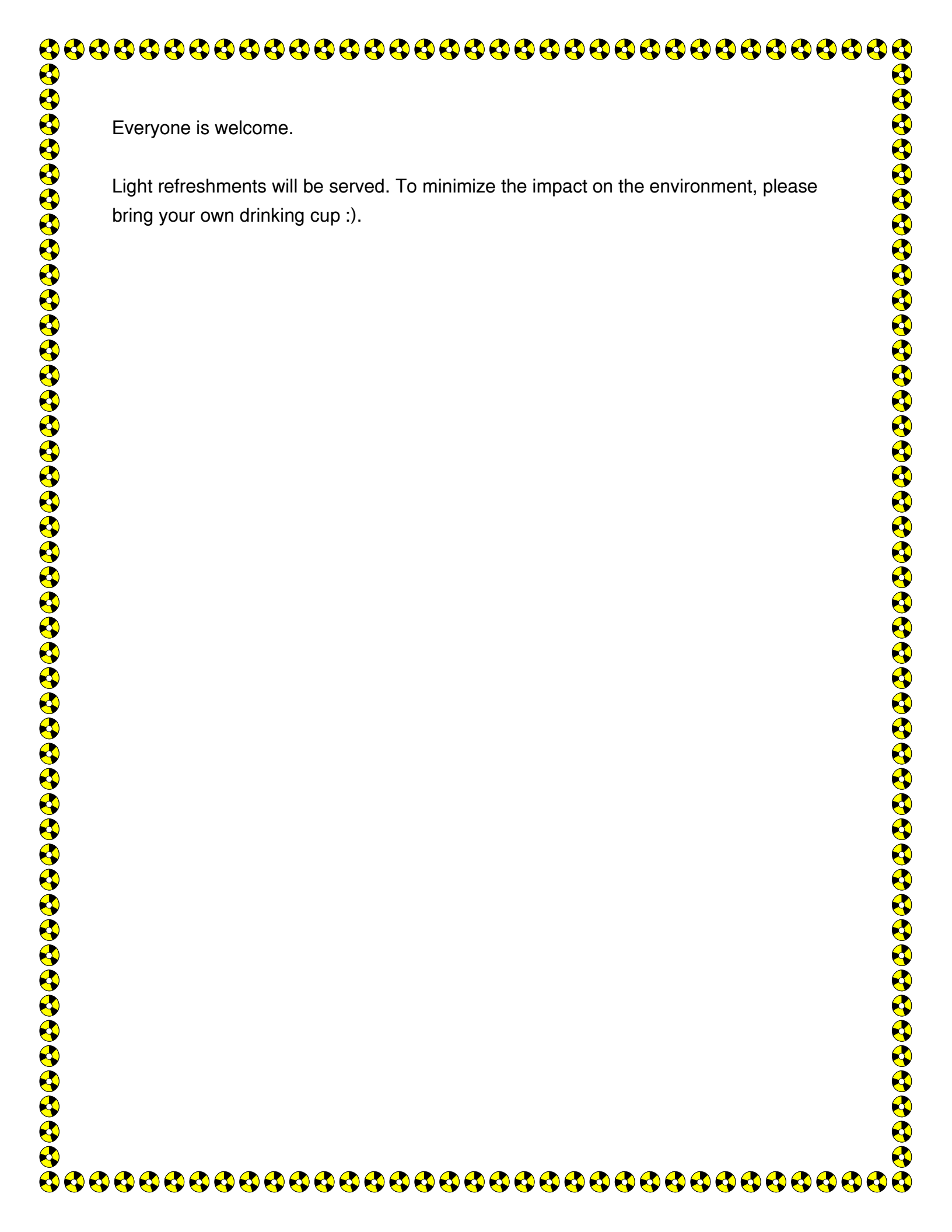
Dr. Robert Benkoczi

Title: On the weighted colouring problem in graphs

Abstract:

The colouring problem in graphs is a fundamental combinatorial optimization problem that asks for the minimum number of colours that can be assigned to the vertices of a graph so that no two adjacent vertices receive the same colour. In this presentation, I will talk about one generalization of the colouring problem on weighted graphs that has applications in wireless networks. I will survey a few results to give an intuition about the difficulty of the problem.

The talk is accessible to undergraduate students.



Everyone is welcome.

Light refreshments will be served. To minimize the impact on the environment, please bring your own drinking cup :).