



**The Hong Kong Polytechnic University  
Department of Applied Mathematics**

**Seminar  
On**

**On Some Nonlinear Optimization Problems  
and Methods**

**by**

**Professor Xiaoqi Yang  
The Hong Kong Polytechnic University**

**Abstract**

In this talk, I will review and discuss several nonlinear optimization problems and computational methods, which include a quadratically constrained quadratic programming problem and a robust gradient sampling algorithm for a nonsmooth, nonconvex optimization problem.

**Date : 29 March, 2007 (Thursday)**  
**Time : 4:30 – 5:30 p.m.**  
**Venue : Departmental Conference Room HJ610  
The Hong Kong Polytechnic University**

**\* \* \* ALL ARE WELCOME \* \* \***