# 数学与系统科学研究院 计算数学所学术报告

### <u>报告人</u>: Prof. Edmund Y. M. Chiang

( Department of Mathematics, Hong Kong University of Science and Technology, Clear Water Bay, Hong Kong, P. R. China )

#### 报告题目:

#### **Difference Nevanlinna theory arising from Special Functions**

邀请人: 胡星标 研究员

# <u>报告时间</u>: 2013 年 1 月 18 日(周五) 上午 10:45~11:45

<u>报告地点</u>: 科技综合楼四层 401 计算数学所教室

### Abstract:

There has been renewed interests of classical Nevanlinna theory due to its applications in difference integrable systems of second order in recent years, mostly due to the works of Ablowitz, Halburd, Korhonen, etc. We shall report on recent developments of new Nevanlinna theories of difference types built on important difference operators arising from special functions. (i.e., \textit{Askey-Wilson operator and Wilson operator}). These are joint projects with Shaoji Feng and Kam-Hang Cheng.

欢迎大家参加!