

数学与系统科学研究院

计算数学所学术报告

报告人: **Prof. Hao-Min Zhou**

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报告题目:

**Efficient Numerical Methods for
Inverse Source Problems with
Applications in Fluorescence
Tomography**

邀请人: 谢和虎 副研究员

报告时间: **2014 年 3 月 24 日 (周一)**

下午 16:00

报告地点: **科技综合楼三层 311**

计算数学所报告厅

Abstract:

I will present a new approach to solve the inverse source problems arising in Fluorescence Tomography (FT). It computes the solution using a two-step strategy: find a particular solution to match the boundary measurements, then correct the solution in the kernel space. It dramatically improves the computation speed and image resolution over the existing methods. This is a joint work with Shui-Nee Chow (Math, GT), Ke Yin (UCLA) and Ali Behrooz (ECE, GT).

欢迎大家参加！