

数学与系统科学研究院

计算数学所学术报告

报告人: **Prof. Yanmin Zhao**

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报告题目:

**Finite element approximations for
multi-term fractional PDEs**

邀请人: 唐贻发 研究员

报告时间: **2019 年 4 月 29 日 (周一)**

上午 10:00-11:30

报告地点: **数学院南楼七层**

702 教室

Abstract:

Abstract: Convergence and superconvergence results for two kinds of multi-term fractional partial differential equations are presented by use of finite element methods and proper finite difference schemes in space and time, respectively. At the same time, unconditional stability analyses of fully-discrete schemes are shown. Moreover, the efficiency and correctness of theoretical results are demonstrated by numerical tests. Finally, some relevant topics are discussed.

欢迎大家参加！