应用数学讲座

Научный Семинар по Прикладной Математике

Research Seminar on Applied Mathematics

应用数学报告（27）

报告人 / Докладчик / Speaker: 陈博 副教授

题目 / Название / Title: Information Disclosure in Dynamic Research Contests (RAND Journal of Economics)

时间 / Время / Time：10 Jan. 2022, 15:00-16:00

地点 / Место / Venue: 主楼 336

摘要 / Аннотация / Abstract:

We study information disclosure in a dynamic multi-agent research contest, where each agent privately searches for innovations and submits his best to compete for a winner-takes-all prize (Taylor, 1995). Different disclosure policies on the agents' submissions induce different equilibrium behavior, making the design of disclosure a useful instrument for contest sponsors. We analyze and compare various information disclosure policies in the contest with finite or infinite horizons. With an endogenously chosen prize, the public disclosure policy, where submissions are revealed immediately, implements the sponsor's first-best research plan and is an optimal policy in the infinite horizon.

陈博副教授简介：

陈博博士现就职于深圳北理莫斯科大学经济系，担任副教授。德国波恩大学经济研究院（Bonn Graduate School of Economics）硕士、博士，新加坡管理大学理学学士。曾先后任职于南卫理工大学（美国）、法赫德国王大学（沙特王国）、武汉大学。主要研究兴趣为拍卖竞赛、双边匹配、以及相关应用。在上述研究领域取得多项成果，并发表（或接收待发表）于经济学国际顶级期刊《RAND Journal of Economics》以及《Journal of Mathematical Economics》、《International Journal of Game Theory》、《Economics Letters》、《International Review of Financial Analysis》等国际主流学术期刊。