

数学与系统科学研究院

计算数学所学术报告

报告人: Prof. Zhangxin Chen

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报告题目: What Are the Major Road Blocks in the Mathematical Modeling and Computer Simulation of Engineering Problems?

邀请人: 崔俊芝院士

报告时间: 2007年7月17日(周二)

上午 10:40

报告地点: 科技综合楼三层 311

计算数学所报告厅

Abstract:

The speaker has more than 20 years of

experience with laboratory experiments, mathematical modeling, and computer simulation for the oil industry. He has demonstrated extraordinary leadership in the reservoir simulation field providing laboratory data and reservoir simulation software and acting as a consultant for a number of projects involving oil recovery with oil producing companies worldwide. He will present some of the major road blocks, particularly when dealing with the mathematical modeling and computer simulation. These road blocks include geo-modeling, speed, capacity, and model resolution. He will also present the potential of heavy oil recovery and the mathematical and numerical techniques needed for heavy oils.

欢迎大家参加！