

数学与系统科学研究院

计算数学所学术报告

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报告题目:

**The phase-I studies of DAEPS
project**

邀请人: 毛士鹏 副研究员

报告时间: 2015 年 12 月 1 日 (周二)

下午 15:00~16:00

报告地点: 科技综合楼三层

301 小报告厅

Abstract:

The DAEPS (Drift Alfvén Energetic Particle Stability) is to develop a comprehensive linear eigenvalue stability code to investigate the supporting mechanism of varied physical modes observed in toroidal plasma for magnetic confinement fusion. The phase-I studies of DAEPS project focus on beta-induced Alfvén eigenmode which is kinetically excited by well passing thermal ions without finite Larmor radius and finite orbit width effects. Detailed formula is derived and typical parameters are given for numerical benchmark.

欢迎大家参加！