

数学与系统科学研究院

计算数学所学术报告

报告人: **Prof. Zhijun Qiao**

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报告题目:

**Integrable peakon and cuspon  
equations**

邀请人: 胡星标研究员

报告时间: **2010 年 12 月 25 日(周六)**

**上午 10: 00**

报告地点: **科技综合楼三层 311**

**计算数学所报告厅**

## **Abstract:**

**This talk presents a basic approach how to get peakon solutions for integrable equations. Those equations include the well-known Camassa-Holm (CH), the Degasperis-Procesi (DP), and other new peakon equations. Interesting thing is that an integrable equation may have W/M-shape solitons. I will illustrate this property through some integrable equations that I found recently.**

**欢迎大家参加!**