

# **СЕМИНАР „АЛГЕБРА И ЛОГИКА”**

Драги колеги,

Следващото заседание на семинара ще се проведе  
на **25 април 2014 г. (петък)** от **11:00 часа**  
в зала **578** на **ИМИ – БАН**.

Доклад на тема

## **Space models of curves with relatively low degrees**

ще изнесе

**Prof. Changho Keem**

**(Seoul National University, Korea).**

Поканват се всички желаещи.

От секция „Алгебра и логика” на ИМИ – БАН

<http://www.math.bas.bg/algebra/seminarAiL/>

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### **Abstract**

It has been known since late 19th century by Halphen that a compact Riemann surface of genus  $g$  can be realized as a smooth projective algebraic curve of relatively small degree (say  $g+3$ ) in a projective space of dimension three. In this talk we will discuss if the result of Halphen can be sharpened for certain classes of curves, i.e., as a curve in a projective 3-space of degree strictly smaller than  $g+3$ . We will also discuss about the classification of those curves which have space models (possibly singular) of degree  $g+1$ .