

СЕМИНАР

„АЛГЕБРА И ЛОГИКА”

Драги колеги,

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

Доклад на тема

The Geometry of Arc Spaces

ще изнесе Peter Petrov

(Universidade Federal de Alagoas, Brazil).

Поканват се всички желаещи.

От секция „Алгебра и логика” на ИМИ – БАН

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

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Abstract

The arc spaces have been introduced by J. Nash to study the singular locus of algebraic varieties. In this talk we will define the jet and arc spaces of given variety, with some basic properties demonstrated on examples. We will formulate the Nash problem and review the main results proved about it. In the last part of the talk we will formulate the Griberg_Kazhdan-Drinfeld theorem about formal neighborhoods of closed arcs, and propose some generalization of it in the case of morphisms.