



# Analysis Seminar

## “Current status of the Sendov conjecture”

By

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**Abstract:** The Sendov conjecture asserts that if all zeros of a complex polynomial  $P$  lie in the closed unit disc, then for each zero  $z$  there exists at least one critical point of  $P$  within unit distance of  $z$ . We discuss the current status of the problem.

The talk is available for undergraduate students.

**Date:** Monday, September 30, 2019

**Time:** 14:00-15:00

**Place:** Mathematics Seminar Room, SA – 141

Tea and cookies will be served before the seminar.