# BÖRÖCZKY LINE ARRANGEMENTS AND THE FREENESS PROPERTY

## Jakub Kabat

Pedagogical University of Cracow, Poland, jakkab2@gmail.com

In the talk we will focus on the freeness and some combinatorial properties of line arrangements in the projective plane having only double and triple points. In particular, we will present a result which classifies Böröczky configurations of n lines from the point of view of freeness property.

1. *Kabat J.* On the freeness of Böröczky line arrangements // *Periodica Math., Hungarica.*
2. *Furedi Z., Palasti I.* Arrangements of lines with a large number of triangles // Proc. Amer. Math. Soc. – 1984. – 92(4) – P. 561-566.