



## **Prof. Dr. Günter Ziegler (FU)** **Configuration spaces, Voronoi diagrams, and Optimal transport**

**ZEIT:**

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**ORT:**

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We will start to explore the configuration space of  $n$  distinct, labeled points in the plane -- a classical, geometric object, complement of an arrangement, and important for various topological questions and investigations. Its properties are only partially understood. We will discuss how it parameterizes the decompositions of a convex domain in the plane into  $n$  convex pieces of equal area.

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