## **DUBROVNIK VI - Geometric Topology**

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## On grope groups

A grope group is a fundamental group of an open infinite grope. Any grope group is countable, perfect, locally free, and residually finite. We construct groups which are countable, perfect, locally free, and residually finite but they are not group groups.

<sup>\*</sup>This is a joint work with Matija Cencelj