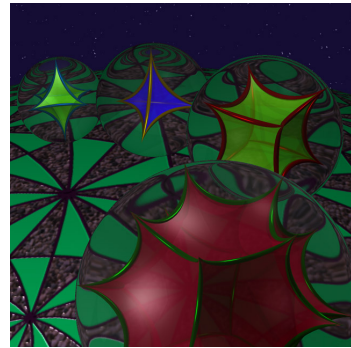


**Oberseminar Geometrie**  
Department of Mathematics  
University of Fribourg  
Seminar room, Math II (Lonza)  
**Wednesday October 3, 2018, 10:20-12:00**



ALEKSANDR KOLPAKOV (Neuchatel)

### **Growth rates of RACG's and RAAG's are Perron numbers**

In this talk we shall prove that spherical growth rates of right-angled Coxeter and right-angled Artin groups (apart from easily classifiable exceptions) with respect to standard generating sets, are Perron numbers. An analogous result holds for their geodesic growth rates. This is a work in progress with A. Talambutsa (Moscow).