



Seminario Rubio de Francia

Conferencia

por

Beatrice-Helen Vritsiou

University of Alberta

Título:

On Hadwiger's covering conjecture.

Abstract: A central problem in Discrete Geometry, Hadwiger's covering conjecture, asks to find the smallest integer $N(n)$ with the property that every convex body in n -dimensional Euclidean space can be covered by at most $N(n)$ translates of its interior.

We will discuss connections with Asymptotic Convex Geometry and measure concentration, as well as with entropic methods, that allow for at least a subexponential improvement to the long-standing general upper bounds of Rogers for $N(n)$.

Based on joint work with Han Huang, Boaz Slomka and Tomasz Tkocz.

Fecha: Jueves, 27 de mayo de 2021.

Hora: 12:00 horas.

Webinar:

Web: <http://anamat.unizar.es/seminario.html>

<http://eventos.unizar.es/52859/detail/seminario-rubio-de-francia.html>