



# Seminario Rubio de Francia

## Conferencia

por

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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: <https://us02web.zoom.us/j/85867915250>

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

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