



# Seminario de Doctorandos Rubio de Francia

## Conferencia

por

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Título:

*Group presentations, Artin groups and algebraic fibering*

*Resumen:*

A presentation is a method to specify a group in terms of a set of generators and relations they satisfy. An Artin group is a group defined via a presentation in terms of a labeled simplicial graph. Artin groups generalize many important families of groups such as free groups, free abelian groups, braid groups or right-angled Artin groups among others.

A group  $G$  is said to be algebraically fiber if there is an homomorphism from  $G$  onto  $\mathbb{Z}$  with a finitely generated kernel. In this talk we will give an introduction to group presentations and Artin groups and state an open conjecture about the algebraic fibering of Artin groups.

Fecha: Jueves, 25 de abril de 2024.

Hora: 17:00 horas.

Lugar: Seminario Rubio de Francia. Primera planta, Edificio B, Facultad de Ciencias.