



UNIVERSITÀ
DI TRENTO

Dipartimento di
Matematica

DOTTORATO



Friday 25 June 2021 – at 2.00 pm

The seminar will take place online, through the ZOOM platform.
To participate, click on the following link:

<https://unitn.zoom.us/j/84498400415>

Meeting ID: 844 9840 0415

Passcode: 248184

Gloria Tabarelli

PhD Student in Mathematics

Ultrafilters and some combinatorial applications of theirs

Abstract:

In this seminar the notions of filter and ultrafilter on a set are introduced and their basic properties are discussed. Then it is shown how the notion of ultrafilter can be used to prove the Erdős-De Bruijn's theorem and the Hindman's theorem.

Contact person: Stefano Baratella

The seminar corresponds to the final exam of Set theory, a planned course within

Tabarelli Gloria's first year PHD study programme

CONTATTI

Staff di Dipartimento - Matematica
tel. 0461 281508-1625-1701-3786

phd.maths@unitn.it

www.maths.unitn.it