

Gentilissimi,
desidero segnalare il seguente **minicorso tenuto dal Prof. Giacomo Micheli dalla University of South Florida**. Vi pregherei di diffondere la notizia anche tra i vostri studenti, se interessati.

TITOLO: A Concise Proof of the Riemann Hypothesis for Drinfeld Modules, and Applications

ABSTRACT: In this short course we will cover the basics of Drinfeld modules, prove "their" Riemann Hypothesis, and (time permitting) show how to use number theory over global function fields to address linear algebra problems, such as computing characteristic polynomials of certain linear maps over a finite field. If there is interest, we will discuss other practical applications of the results. Prerequisite: Algebra 2, definition of inverse limit, extension of function fields, structure of finitely generated modules over principal ideal domains.

The course will be as self contained as possible, and will have 4-5 lectures.

LEZIONI PROPOSTE

Tuesday, June 17, 17:30 - 19:00

Thursday, June 19, 17:30 - 19:00

Monday, June 23, 17:30 - 19:00

Wednesday, June 25, 17:30 - 19:00

(Possibly Friday, June 27)

Perugia, 30/11/2023

Cordiali saluti,

Daniele Bartoli