

30.11.2020

**Monday's Nonstandard Seminar 9**

**15:00**

Author: Flavia Giannetti (University of Naples "Federico II", Italy)

Title: **A modular Poincaré inequality**

Abstract: In a recent paper in collaboration with A.Fiorenza (Rev. Mat. Compl. 2020), we introduced a notion of modular with a corresponding modular function space in order to build a modular capacity theory. In this context we established a modular Poincaré inequality fundamental to obtain our aims. In my talk I will illustrate this inequality which is interesting also by itself.