המחלקה למתמטיקה, בן-גוריון

גאומטריה אלגברית ותורת המספרים

ביום רביעי, 23 בנובמבר, 2016

בשעה *15:10 – 16:30*

ב*Math -101*

ההרצאה

for functors Harish-Chandra of variant A groups profinite

תינתן על-ידי

(BGU) Onn Uri

תקציר:

Ben Gurion University – Mathematics
Algebraic Geometry and Number Theory Seminar

Speaker	**Uri Onn (BGU)**
Title	**A variant of Harish-Chandra functors for profinite groups**
Date	Wednesday, 23 November 2016
Time	15:10 – 16:30 (starts 15:10 sharp)
Location	Room -101 in Building 58

Abstract   Harish-Chandra induction and restriction functors play a key role in the representation theory of reductive groups over finite and local fields. Constraining a trivial action by appropriate unipotent subgroups, which is part of their definition, results in simple combinatorial commutation relation between induction and restriction from and to Levi subgroups. This allows one to effectively construct and classify representations of such groups. In this talk I will describe generalisations of these functors that are suitable for profinite groups. This is a joint work with Tyrone Crisp and Ehud Meir.

(updated 10 Nov 2016)