

המחלקה למתמטיקה, בן-גוריון

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## קולוקוויום

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ביום שלישי, 26 באפריל, 2022

בשעה 14:30 – 15:30

בMath-101

ההרצאה

### **of case the - groups p-adic and finite between In permutations**

חינתן על-ידי

(Technion) Gurevich Maxim

**תקציר:** Using Bruhat decomposition, general linear group over  $p$ -adic field may be thought as affine quantum version of finite group of permutations. I would like to discuss some analogies and explore the implications. For groups, two spectral properties on this point of view the restriction one, For groups. two spectral properties on this point of view the correct the gives counterpart finite its to representation smooth irreducible an of is which significance arithmetic of invariant an - set wavefront the of notion class the perspective, another From analysis. microlocal using approached often and finite the between interpolation natural a is algebras Hecke cyclotomic of with (developed representations RSK of class the how show will I groups. p-adic p-adic the for classification Langlands the between bridge a as serves Lapid) Erez domain. finite the of construction Specht classical the and group