

Conference Program
Representation Theory of Algebras, Groups and
Semigroups
Bar-Ilan University and Netanya Academic College
December 30,2007-January 3, 2008

אוניברסיטת בר-אילן BAR-ILAN UNIVERSITY



- מקרא**
- שער להולכי רגל
 - שער לרכבים ולהולכי רגל
 - בניין מרכזי
 - מקלט/ממ"מ
 - טלפון ציבורי
 - שרותי נכים
 - מרפאה
 - מנה חלבית/כשרות
 - קפיטריה
 - דואר
 - אולם אירועים
 - בית-כנסת

Mathematics Building

Beck Hall

Feldman International Conference Center

סופרנובס אחר	דן	אנד
200	210	95
220	243	68
230	400	70
402	402	87
	153	505
	325	564
	425	946
	414	995
		164
		317
		466
		467

דן	אנד
143	43
168	56
243	64
	68
	70
	87
	95
	166
	315
	505
	564
	618

Sunday, December 30 Beck Auditorium, Bar-Ilan University

12:00-12:50 Welcome and reception
13:00-13:50 Alex Lubotzky, Hebrew University, "Representation growth of arithmetic groups"
14:00-14:50 Michael Larsen, Indiana University, "Representation growth: The local case"
15:00-15:20 Coffee break
15:20-15:45 Eli Bagno, Jerusalem College of Technology, "Congruence Borel orbits of symmetric matrices: A combinatorial approach"
15:50-16:15 Oshrit Ovrutsky, Bar-Ilan University, "Diagonal invariants for dihedral groups"
16:20-16:45 Yona Cherniavsky, The Technion, "Permutation representations on invertible matrices"
16:50-17:15 Yakov Krasnov, Bar-Ilan University, "Elements of spectral theory in Algebras"
17:20-17:45 Alexei Belov, Bar-Ilan University, "Zariski Closed Algebras"
17:45-18:45 Wine and Cheese Reception

Monday, December 31 Feldman International Conference Center, Bar-Ilan University

9:00-9:30 Reception and registration
9:30- 10:20 Mohan Putcha, North Carolina State University, "Connections between semigroup and group representations"
10:30-11:20 Benjamin Steinberg, Carleton University, "Möbius functions and semigroup representation theory"
11:30-12:20 Jan Okninski, University of Warsaw, "Faithful linear representations of bands"

Lunch Break

14:00-14:50 Benjamin Steinberg (substituting for John Rhodes), "Prime decomposition theory for finite idempotent semirings using the triangular product of B.I. Plotkin"
15:00-15:50 Joseph Bernstein, Tel Aviv University, "Hidden symmetries of invariant distributions and representation theory"
15:50-16:20 Coffee break
16:20-16:45 Grigori Mashevitsky, Ben-Gurion University of the Negev, "On finite bases for principal factors in full transformation semigroups"
16:50-17:15 Norman Reilly, Simon Fraser University, "Varieties generated by completely 0-simple semigroups"
17:15-17:40 Pedro Silva, University of Porto, "Uniformly continuous functions for some profinite topologies"
17:45-18:05 Laszlo Marki, Renyi Institute, "Bezout rings and Bezout semigroups"

Tuesday, January 1 Netanya Academic College

10:00-10:50 Harvey Blau, Northern Illinois University, "Table Algebras: Aliases and applications"
11:00-11:50 Radha Kessar, University of Aberdeen, "On duality inducing automorphisms and sources of simple modules of finite groups"
11:50-12:10 Coffee break
12:10—13:00 Burkhard Külshammer, Friedrich-Schiller Universität, Jena, "Vertices of simple modules for symmetric groups"

Lunch

14:50-15:40 Marcel Herzog, Tel Aviv University, "On a commuting graph on Conjugacy classes in groups"
15:50-16:40 David Chillag, The Technion, "Some problems involving the symmetric group on three letters"
16:40-17:00 Coffee Break
17:00-17:25 Zvi Arad, Netanya Academic College
17:30-17:55 Christian Pech, Ben-Gurion University of the Negev, "Application of the representation theory of the symmetric groups for the computation of chromatic polynomials of graphs"

Wednesday, January 2 Department of Mathematics, Bar-Ilan University

9:30-10:20 Birge Huissen-Zimmermann, University of California-Santa Barbara, "Generic representations of quivers with relations"

10:30-11:20 Ken Goodearl, University of California-Santa Barbara, "Semiclassical limits of quantized coordinate rings"

Box Lunch and Trip to Jerusalem

Thursday, January 3 Beck Auditorium, Bar-Ilan University

9:30-10:20 Markus Linckelmann, University of Aberdeen, "On graded centers of triangulated categories and block cohomology"

10:30-11:20 Eli Aljadeff, The Technion, "Elementary Abelian subgroup induction and some applications to cohomology of infinite groups"

11:20-11:40 Coffee break

11:40-12:30 Mia Cohen, Ben-Gurion University of the Negev, "Representations, Fourier transforms and Verlinde-type formula for finite dimensional Hopf Algebra"

Lunch Break

14:30- 14:55 Sefi Ladkani, Hebrew University, "Generalized reflections and derived equivalences of posets"

15:00- 15:50 David Kazhdan, Hebrew University, "Hecke operators over 2-dimensional fields"

19:00-21:00 Conference Banquet Kfar Maccabiah