

ProgrammeFirst Week

Wednesday 7 September and Thursday 8 September	9.30 - 10.30	C. T. C. Wall	Groups acting on trees.
	11.30 - 12.30	J.-P. Serre	Report on arithmetic groups.
	4.15 - 5.15	K. S. Brown	Groups of virtually finite dimension.
	5.30 - 6.30	K. W. Gruenberg	Presentations and relation modules.
Friday 9 September	9.30 - 10.30	J. R. Stallings	Ends.
	11.30 - 12.15	J.-P. Serre	Report on arithmetic groups.
	4.15 - 5.15	K. S. Brown	Groups of virtually finite dimension.
	5.30 - 6.30	K. W. Gruenberg	Presentations and relation modules.
Saturday 10 September	9.30 - 10.30	J. R. Stallings	Ends.
	11.30 - 12.30	J.-P. Serre	Report on arithmetic groups.
	4.15 - 5.15	L. P. Comerford	Small cancellation theory.
	5.30 - 6.30	W. J. Harvey	Mapping class groups.
Sunday 12 September	9.30 - 10.30	J. R. Stallings	Ends.
	11.30 - 12.30	L. Solomon	Complex reflection groups.
	4.15 - 5.15	R. Strebel	Almost finitely presented soluble groups.
	5.30 - 6.30	W. Metzler	Problems on equivalence by moves of 2-complexes and presentations.

Second Week

Tuesday 13 September	9.30 - 10.10	H. Behr	$SL_3(\mathbb{F}_q[t])$ is not finitely presented.
	10.20 - 11.00	O. Rothaus	Nontriviality of some group extensions given by generators and relations.
	11.50 - 12.30	M. Tretkoff	Graph-theoretic proof of a theorem about permutations.
	4.15 - 5.15	H. Bass	Traces and Euler characteristics.
	5.30 - 6.30	M. Dunwoody	Accessibility and groups of c.d. one.
Wednesday 14 September	9.30 - 10.10	R. Bieri	Poincaré duality pairs, especially of dimension
	10.20 - 11.00	J. Hubschmann	Cohomology theory of small cancellation groups.
	11.50 - 12.30	P. Cameron	Cohomological aspects of 2-graphs.
	4.15 - 5.15	H. Bass	Traces and Euler characteristics.
	5.30 - 6.30	G. Rosenberger	Applications of Nielsen's transformations (in free groups, one relator groups, Fuchsian groups and linear groups).
Thursday 15 September	9.30 - 10.10	H. Bass	Traces and Euler characteristics.
	11.30 - 12.30	R. Kulkarni	Proper actions and indefinite space forms.
	p.m.	splinter groups	
Friday 16 September	9.30 - 10.30	C. Soule	Cohomology of $SL_n(\mathbb{Z})$.
	11.30 - 12.30	M. Dyer	Rings of homotopy trees.

Splinter Groups

Titles of talks Room M121

2.00 - 2.30	H. Hendriks	Existence of a free subgroup of finite index.
2.40 - 3.05	A. M. Macbeath	An unconventional characteristic number for fundamental groups of certain compact 3-manifolds.
3.15 - 3.40	A. H. M. Hoare	Coinitial graphs and Whitehead automorphisms.
4.00 - 4.45	L. Ribes	Profinite groups acting on graphs.
5.00 - 5.25	C. M. Campbell	Applications of the Todd-Coxeter algorithm.
5.35 - 6.00	E. F. Robertson	Applications of the Reidemeister-Schreier algorithm.
6.10 - 6.40	H. Abels	Noncompact dimensions.

Room M119

2.00 - 2.30	J. Cohen	A space of Euler characteristic γ .
2.50 - 3.50	J. Ratcliffe	Applications of crossed modules to 2-dimensional topology.
4.10 - 4.40	J.-L. Loday	Crossed modules and algebraic K-theory.
5.20 - 5.50	J. Hubschmann	Crossed complexes.
6.00 - 6.40	P. J. Higgins	Crossed modules, double groupoids and the van Kampen theorem.

Contents

H. Bass	Traces and Euler characteristics.	40pp
K. S. Brown	Groups of virtually finite dimension.	64pp
K. W. Gruenberg	Free abelianised extensions of finite groups.	41pp
J.-P. Serre (notes by C. McLachlan and C. A. Robinson)	Arithmetic groups.	34pp
G. P. Scott & C. T. C. Wall	Topological methods in group theory.	93pp
H. Abels	An example of a finitely presented group.	9pp
H. Behr	$SL_3(\mathbb{F}_q[t])$ is not finitely presentable.	13pp (+ 3pp figures)
R. Bieri & B. Eckmann	2-dimensional Poincaré duality groups and pairs.	7pp
R. Bieri & R. Strebel	Metabelian quotients of finitely presented soluble groups are finitely presented.	4pp
R. Bieri & R. Strebel	Soluble groups with coherent group rings.	5pp
P. J. Cameron	Cohomological aspects of 2-graphs II	4pp
M. J. Dunwoody	Recognising free factors.	5pp
M. N. Dyer	Trees of homotopy types of (π, m) -complexes.	6pp
W. J. Harvey	Geometric structure of surface mapping class groups.	19pp
J. Hubschmann	Cohomology of aspherical groups and of small cancellation groups.	2pp
D. L. Johnson & E. F. Robertson	Finite groups of deficiency zero.	18pp
W. Metzler	Äquivalenzklassen von Gruppenbeschreibungen, Identitäten und einfacher Homotopietyp in niederen Dimensionen.	36pp
W. Metzler	Two-dimensional complexes with torsion values not realizable by self-equivalences.	15pp
G. Rosenberger	Applications of Nielsen's reduction method to the solution of combinatorial problems in group theory: a survey.	21pp
C. Soulé	Chevalley groups over polynomial rings.	10pp
	Problem list	25pp