

Contents

Preface	vii
List of talks	ix
List of participants	xi
Representations of groups on finite simplicial complexes <i>Michael Aschbacher</i>	1
Coxeter groups and matroids <i>Alexandre V. Borovik & K. Sian Roberts</i>	13
Finite groups and geometries: A view on the present state and on the future <i>Francis Buekenhout</i>	35
Groups acting simply transitively on the vertices of a building of type \tilde{A}_n <i>Donald I. Cartwright</i>	43
Finite simple subgroups of semisimple complex Lie groups - a survey <i>Arjeh M. Cohen & David B. Wales</i>	77
Flag-transitive extensions of buildings of type G_2 and C_3^* <i>Hans Cuypers</i>	97
Disconnected linear groups and restrictions of representations <i>Ben Ford</i>	111
Products of conjugacy classes in algebraic groups and generators of dense subgroups <i>Nikolai L. Gordeev</i>	117
Monodromy groups of polynomials <i>Robert M. Guralnick & Jan Saxl</i>	125
Subgroups of exceptional algebraic groups <i>Martin Liebeck & Gary M. Seitz</i>	151
The geometry of traces in Ree octagons <i>H. Van Maldeghem</i>	157

Small rank exceptional Hurwitz groups <i>Gunter Malle</i>	173
The direct sum problem for chamber systems <i>Antonio Pasini</i>	185
Embeddings and hyperplanes of Lie incidence geometries <i>Ernest E. Shult</i>	215
Intermediate subgroups in Chevalley groups <i>Nikolai Vavilov</i>	233
On a certain class of Frattini extensions of finite Chevalley groups <i>Thomas Weigel</i>	281
Economical generating sets for finite simple groups <i>John S. Wilson</i>	289