

# Algebraic Model Theory

## TABLE OF CONTENTS

Preface .....	vii
Participants .....	xi
Contributors .....	xvii
An introduction to independence and local modularity .....	1
Elisabeth Bouscaren	
Groups definable in ACFA .....	25
Zoé Chatzidakis	
Large finite structures with few types .....	53
Gregory Cherlin	
A survey of the uncountable spectra of countable theories .....	107
Bradd Hart and Michael C. Laskowski	
An introduction to tame congruence theory .....	119
Emil W. Kiss	
Stable finitely homogeneous structures: a survey .....	145
Alistair H. Lachlan	
Homogeneous and smoothly approximated structures .....	161
Dugald Macpherson	
Khovanskii's Theorem .....	181
David Marker	
ACFA and the Manin-Mumford conjecture .....	195
Anand Pillay	
Decidable equational classes .....	207
Matthew A. Valeriote	
Schanuel's conjecture and the decidability of the real exponential field .....	223
A.J. Wilkie	
Three lectures on the RS problem .....	231
Ross Willard	
Decidable modules .....	255
Martin Ziegler	
INDEX .....	275