

Contents

Preface	ix
List of talks	xi
List of posters	xiii
Change of weight theorem for pro- p -Iwahori Hecke algebras NORIYUKI ABE	1
Conjectures about p -adic groups and their noncommutative geometry ANNE-MARIE AUBERT, PAUL BAUM, ROGER PLYMEN, and MAARTEN SOLLEVELD	15
Introduction to the Rapid Decay property INDIRA CHATTERJI	53
A second adjoint theorem for $\mathrm{SL}(2, \mathbb{R})$ TYRONE CRISP and NIGEL HIGSON	73
A functoriality principle for blocks of p -adic linear groups JEAN-FRANÇOIS DAT	103
Poids de Serre dans la conjecture de Breuil–Mézard AGNÈS DAVID	133
Affinoids in Lubin-Tate surfaces with exponential full level two NAOKI IMAI and TAKAHIRO TSUSHIMA	157
An automorphic variant of a conjecture of Deligne JIE LIN	181
Paquets d’Arthur des groupes classiques complexes COLETTE MOEGLIN and DAVID RENARD	203
Proof of the Aubert-Baum-Plymen-Solleveld conjecture for split classical groups AHMED MOUSSAOUI	257
From crystalline to unitary representations ENNO NAGEL	283
Representations of GL_N over finite local principal ideal rings: An overview ALEXANDER STASINSKI	337
The geometry and combinatorics of Springer fibers JULIANNA TYMOCZKO	359