

DURHAM DAYS ON MODULAR FORMS

SCHEDULE

MONDAY, August 30

10:00 - 10:50 O. Imamoglu (ETH): Real quadratic analogs of singular moduli

11:20 - 12:10 Z. Kent (Emory): Eichler-Shimura theory for mock modular forms

Lunch

14:00 - 14:50 B. Kane (Cologne): Mock modular forms as p -adic modular forms

15:20 - 16:10 R. Hill (UCL): p -adic families of modular forms

16:40 - 17:30 A. Deitmar (Tübingen): Automorphic forms of higher order

TUESDAY, August 31

10:00 - 10:50 N. Diamantis (Nottingham): Maass forms of higher order and derivatives of L-functions

11:20 - 12:10 N. Scheithauer (Darmstadt): Some constructions of modular forms for the Weil representation

Lunch

14:00 - 14:50 F Strömberg (Darmstadt): On some liftings from half-integral weight, scalar-valued modular forms to vector-valued modular forms

15:20 - 16:10 P. Gunnells (University of Massachusetts Amherst): Weyl group multiple Dirichlet series

16:40 - 17:30 J. Beineke (Western New England College): Weyl group multiple Dirichlet series of type C

WEDNESDAY, September 31

9:30 - 10:20 Y. Petridis (UCL): The existence of Maass cusps forms for cofinite subgroups

10:40 - 11:10 N. Raulf (Lille): Limits of Eisenstein series off the half-line

11:30 - 12:20 P. Garrett (Minnesota): Analytic aspects of automorphic resolvents in higher rank

Free Afternoon

THURSDAY, September 2

10:00 - 10:50 B. Roberts (Idaho): Newforms theory for modular forms of half-integral weight

11:20 - 12:10 A. v.Pippig (Berlin): Elliptic Eisenstein series

Lunch

14:00 - 14:50 H. Boylan (Siegen): Jacobi forms over number fields of singular weight

15:20 - 16:10 F. Clery (Lille): Arithmetic lifting of Jacobi forms for lattices

16:40 - 17:30 M. Raum (MPI Bonn): Maass-Jacobi forms for higher degree indices

18:30: Workshop Dinner at the College of St. Hild and St. Bede

FRIDAY, September 3

10:00 - 10:50 T. Berger (Sheffield): Similitude theta lifts from orthogonal to symplectic groups and congruences

11:20 - 12:10 U. Kühn (Hamburg): On Kudla's Green functions in the non-compact case

Lunch

14:00 - 14:50 J. Kramer (Berlin): An arithmetic Riemann-Roch theorem for log-singular metrics on modular curves

15:20 - 16:10 J. Jorgensen (CUNY): Relating L-functions of Maass forms, holomorphic forms, and beyond