Research Symposium on Functional Analysis and Stochastic Processes

Programme of Speakers

Tuesday July 23 9.30 am. K.L. Chung: A probabilistic view of the Gauss-Frostman problem.

        4.45 pm A.M. Davie: Some problems in harmonic analysis in several variables.

Wednesday July 24 9.30 am. B. Maurey: Random vectors and geometry of Banach spaces.

        4.45 pm. J. Hoffmann-Jørgensen: Presupports for certain measures on locally convex spaces, and the structure of measurable linear functionals.

Thursday July 25 9.30 am. P.A. Meyer: Sample functions up to sets of measure zero.

        4.45 pm. A. Pełczyński: Some new results on classical Banach spaces of analytic functions.

Friday July 26 9.30 am. H. Dinges: ~~Wiener-Hopf factorisation.~~ Scheller's work on the Hahn-Banach Theorem. ~~4.45 pm. To be announced.~~

4.45 J. Lindenstrauss: L^p-spaces without probability.

These lectures will take place in the Heawood Lecture Theatre, on the ground floor of the Mathematics Depar-ment. They will last for approximately one hour, and will be followed by a discussion. It is hoped that some further programme will emerge in the second week.

FUNCTIONAL ANALYSIS AND STOCHASTIC PROCESSES

Further programme

Monday July 29th

9.30 : G. Pisier : Martingale Inequalities and Super-reflexivity

11.30 : Discussion : Super-reflexivity, etc. (Room 121)

2.30 Discussion : The approximation property,

4.45 : R.G.Haydon : Polish boundaries

Tuesday July 30th

9.30 : K. Urbanik : A limit theorem in non-commutative
probability theory

11.30 : Discussion : Measures on locally convex spaces (Room 121)

2.30 : C. Dellacherie : A survey of stochastic integrals

4.45 : P. Saphar : The space of compact operators

Wednesday July 31st

9.30 : D. Dacunha-Castelle : Some probability techniques in the
theory of classical lattices (L^p spaces, Orlicz
spaces, ...)

11.30 : R.F.Streater : Norms on Clifford Algebras.

11.30 : Discussion : Banach lattices (Room 121) Tzafini

2.30 : J.P.Kahane : Brownian motion and classical analysis

4.45 : A.M.Davie : Carleson's counterexample in H^1 in two
variables, and its implications for BMO

Thursday August 1st

9.30 F. Topsøe : Uniformity in weak convergence of probability

9.30 : H.P.Rosenthal : Characterisations of spaces containing ℓ^1

4.45 : M. Jacobsen : Sample paths of Markov processes
PATH DECOMPOSITIONS

2.30 : J. Bretagnolle : Local behaviour of processes
with stationary independent increments

11.30 : Discussion : Radon-Nikodym Prop^n : (Davis-Steger) (121)

measures & the Glivenko-Cantelli Thm (121)