

11th - 22nd July 1974

P R O G R A M M E

Friday, 12th

9.30 - 10.45

Professor A.Lichnerowicz

"Symplectic structure ideals I"

11.15 - 12.30

Professor S.Kobayashi

"Schwarz's lemma I"

5.00 - 6.15

Professor A.Gray

"Generalised symmetric spaces"

Saturday, 13th

9.30 - 10.45

Professor A.Lichnerowicz

"Symplectic structure ideals II"

11.15 - 12.30

Professor S.Kobayashi

"Schwarz's lemma II"

5.00 - 6.15

Professor A.Gray

"Volume of a small geodesic ball"

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## P R O G R A M M E

Friday, 19th

9.30 - 10.45

Professor M.F. Atiyah

"Signature-type invariants of manifolds"

11.15 - 12.30

Professor W. Klingenberg

"Index theorem and iteration for closed geodesics"

2.30 - 3.30

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Discussion on "Foliations" led by Professor G. Reeb.

Saturday, 20th

9.30 - 10.45

11.15 - 12.30

Professor W. Klingenberg

"Index theorem and iteration for closed geodesics"

5.00 - 6.15

Professor K. Voss

"On Willmore's conjecture"

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Sunday, 14th

9.30 - 10.45

Dr. N.J.Hitchin

"Bochner's Vanishing Theorems"

11.15 - 12.30

Professor P.Dombrowski

"Frenet-Theory for  $C^\infty$ -Maps into Riemannian Manifolds"

5.00 - 6.15

Professor A.Lichnerowicz

"III The Cartan Case"

Monday, 15th

9.30 - 10.45

Professor K.Nomizu

"Isoparametric families of hypersurfaces and minimality of focal varieties"

11.15 - 12.30

Professor M.Obata

"Riemannian manifolds admitting a solution of a certain system of differential equations"

5.00 - 6.15

Dr. W.Schmid

"Moduli of Algebraic manifolds (from a differential geometric viewpoint)"

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## P R O G R A M M E

Tuesday 16th

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|---------------|-------------------------------|---|
| 9.30 - 10.45  | Dr. W. Schmid                 | "Moduli of Algebraic manifolds"<br>(continued)                            |
| 11.15 - 12.30 | Professor M.F. Atiyah         | "Eigenvalues of the Laplacian -<br>Introduction and Historical<br>Survey" |
| 5.00 - 6.15   | Professor H. Duistermaat<br>I | "Eigenvalues and Closed<br>Geodesics"                                     |

Thursday 18th

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|---------------|--------------------------------|-----------------------------|
| 9.30 - 10.45  | Professor H. Duistermaat<br>II | "Clustering of Eigenvalues" |
| 11.15 - 12.30 | Professor I.M. Singer          | "Reidemeister Torsion"      |
| 5.00 - 6.15   | Mr. J. Dodziuk                 | "Combinatorial Laplacians"  |

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P R O G R A M M E

Sunday, 21st

9.30 - 10.45

Professor M.S.N.Narasimhan

"Moduli of Vector bundles"

11.15 - 12.30

Dr. H.Hernandez

"Ricci curvature on compact manifolds"

5.00 - 6.15

Professor H.Karcher

"Centre of Mass Constructions"

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9.30 - 10.45

11.15 - 12.30

5.00 - 6.15