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### DEPARTMENT OF MATHEMATICS

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# COLLOQUIUM & SEMINAR SCHEDULE

WEEK OF DECEMBER 12 - DECEMBER 18

#### COLLOQUIUM

MONDAY, DEC. 16 - Prof. R. Carter, Univ. of Warwick & Univ. of Chicago will be the guest speaker. The title of his talk is "Groups with a (B,N) pair," which will begin at 4:30 p.m., in B115 Van Vleck. Tea will be served at 4:00 p.m., 9th floor Conference Room.

### COLLOQUIUM AGAIN!!

TUESDAY, DEC. 17 - Prof. D. S. Passman, of Yale, will be the guest speaker.

The title of his talk is "Radicals of Twisted Group Rings for Infinite Groups," which will begin at 2:30 p.m., in B115 Van Vleck. Tea will be served at 2:00 p.m., 9th floor Conference Room.

# WEDNESDAY, DECEMBER 18 NOON TALK ("WAY OUTER SERIES")

Prof. Herman Goldstein (Law): will speak about Crime and Police at 12 noon, 9th Floor Conference Room.

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#### SEMINARS..

THURSDAY, DEC. 12 - NUMBER THEORY SEMINAR - Will meet at 8:50 a.m., 901 V.V.

TOPOLOGY SEMINAR - Miss Sherry Murphy will speak on Waldhausen's "Handlebodies in S<sup>3</sup>" at 11:00 a.m., 901 V.V.

ALGEBRAIC GEOMETRY SEMINAR - Will meet at 11:00 a.m., B-231 V.V.

ORDINARY DIFFERENTIAL EQUATIONS SEMINAR - Mr. A. Strauss will speak on "Lyapunov functions and global existence," at 2:25 p.m., 2515 M.R.C.

ALGEBRAIC TOPOLOGY SEMINAR - Will meet at 3:30 p.m., 901 VV

RING THEORY SEMINAR - Sylvia Wiegand will speak on "Finding an extension of a Dedekind domain in which certain ideals ramify, decompose or are inertial" at 3:30 p.m. in room 903 V.V.

- THURSDAY, DEC. 12 ANALYSIS SEMINAR Will meet at 11:00 a.m., B127 V.V. Ed Hughes will speak on "Relative Eigenvalue Problems."
- FRIDAY, DEC. 13 GROUP THEORY SEMINAR Will meet at 1:20 p.m., 903 V.V.

  LOOP THEORY SEMINAR Will meet at 2:25 p.m., 901 V.V.
- MONDAY, DEC. 16 JUNIOR TOPOLOGY SEMINAR Lecture by Mr. Joseph Martin on "Applications of Dehn's Lemma and the Loop Theorem" 11 a.m., 901 V.V.
- TUESDAY, DEC. 17 NUMBER THEORY SEMINAR Will meet at 8:50 a.m., 901 V.V.

  ALGEBRAIC GEOMETRY SEMINAR Will meet at 11:00 a.m.
  B231 V.V.

TOPOLOGY SEMINAR -  $^{\rm Mr}$ . Jon Simon will speak on Waldhausen's "Handlebodies in S'" at 11:00 a.m., room 901 V.V.

SEVERAL COMPLEX VARIABLES SEMINAR - Mr. R. Nirenberg will continue speaking on Uniform approximation by holomorphic functions at 12:00 p.m. in 901 Van Vleck.

JOINT APPLIED MATHEMATICS SEMINAR - Dr. P. Werner will speak on Low-frequency behavior of electromagnetic wave fields at 1:20 p.m. in room 901 V.V.

ADVANCED METHODS OF ANALYSIS SEMINAR - L. C. Young. Mr. G. Armstrong will speak On the differentiability of functions - 2:30 p.m., 2539 M.R.C. Please note new time.

WEDNESDAY, DEC. 18 - ORDERED GROUPS SEMINAR - Will meet at 9:55 a.m., 901 V.V.

GROUP THEORY SEMINAR - Will meet at 1:20 p.m., 903 V.V.

PROBABILITY SEMINAR - Will meet at 2:25 p.m., 901 V.V.

JUNIOR TOPOLOGY SEMINAR - Richard Randall will discuss the Morton Brown proof of the generalized Schoenflies theorem at 3:30 p.m., B203 V.V.

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A HAPPY CHRISTMAS TO ALL AND TO ALL A GOOD NIGHT!

Complaints should be directed to Fran Napier who compiled this notice this time around.