

MAY 19 1984

Date: Saturday, 19 May 1984
Place: Simon Fraser University
Location: TLX 9509

Schedule

11:00 a.m. Richard Weiss
12:00 noon Lunch
2:00 p.m. Egon Schulte

Richard Weiss

"Some Aspects of Graph Theory in the Classification of Finite Simple Groups"
Abstract

Various geometrical/graph-theoretical principles have played an important role in the classification of finite simple groups. We discuss a few very elementary graph-theoretical ideas which have proved very useful in the study of questions concerning the existence and uniqueness of some of the sporadic groups.

Dr. Egon Schulte

"A Combinatorial Theory of Regular Polytopes"

Abstract

Regular polytopes have been studied since antiquity and with the passage of time there have been many changes in point of view about them. In the past few years the notion of a regular polytope was generalized in a combinatorial and group theoretical sense leading to the concept of a regular incidence complex. A regular incidence complex is a partially ordered set with regularity defined by the flag transitivity of its group. The concept includes all classical regular polytopes and regular complex polytopes as well as many geometrics and well-known configurations.

Since we are arranging a lunch on campus, it will be helpful to know approximately how many are attending. Please drop us a line or phone 604-291-3331 to let us know if you are attending.