March 21, 2002

Gérard Laumon, CNRS & Université Paris-Sud

An introduction to the Drinfeld-Langlands program

The fundamental group of the Jacobian of a compact Riemann surface is abelian and is canonically isomorphic to the maximal abelian quotient of the fundamental group of the Riemann surface. In this talk, I would like to explain how this classical statement may be viewed as the GL(1)-case of the geometric Langlands program.