Arizona Winter School 2000

\[ X/F \quad K = F(X) \]

0 \quad 0 \quad 0

0 \quad F^* \quad K^* \quad P \quad 0

0 \quad U \quad A^*_K \quad \text{Div}(X) \quad 0

0 \quad Q \quad C_K \quad \text{Pic}(X) \quad 0

0 \quad 0 \quad 0 \quad 0

http://swc.math.arizona.edu/~swcenter/
Topics in the Arithmetic of Function Fields

Curves with Many Points over Finite Fields
Elliptic Curves over Function Fields
$L$-Functions and Monodromy
Fermionic Fock Space for Number Theorists
Zeta-Functions and Symmetry
Industrial Mathematics

Anderson, Katz, Lagarias, Lauter,
Sarnak, Schoof, Ulmer, Zieve