Spring Lecture Series N.24
Complex Dynamics (1999)

Principal Lecturers: John Milnor (SUNY at Stony Brook) with Mikhail Lyubich (SUNY at Stony Brook) and John Smillie (Cornell University)

Contributions by:
John Milnor
Title: Renormalization and the “Hairiness” Conjectures, and Introduction

Linda Keen
Title: Coverings of Cantor Sets

Mariusz Urbanski
Title: The Rigidity of Tame Rational Functions

Mikhail Lyubich
Title: Feigenbaum Universality and Holomorphic Dynamics I

Berit Stensones
Title: Fatou-Bieberbach Domains and the Michael Problem

Kevin Pilgrim
Title: The Dictionary between Kleinian Groups and Rational Maps

Charles Favre
Title: Classification of Some Superattractive Germs and Kato Surfaces

John Smillie
Title: Horseshoes in the Henon Family I

Marco Abate
Title: Desingularizatin of Non-Semisimple Holomorphic Dynamical Systems

Mattias Johnsson
Title: On Saddle Sets in $P^2$

Anna Zdunik
Title: On Biaccessible Points in Julia Sets

Mikhail Lyubich
Title: Feigenbaum Universality and Holomorphic Dynamics II
David Brown

Title: Modifying the Spider Algorithm

Suzanne Lynch

Title: The Medus Algorithm and Polynomial Mappings

Sudeb Mitra

Title: Universal Holomorphic Motions and Applications

Scott Crass

Title: Solving the Quintic by Iteration in Three Dimensions

Eugene Gutkin

Title: Fagnano Billiard Orbit and Extremal Polygons

Lawrence Harris

Title: Holomorphic Mappings of Domains in Matrix and Operator Spaces

John Smillie

Title: Horseshoes in the Henon Family II

Jeffrey Diller

Title: Lyapunov Exponents For Birational Maps

Eric Bedford

Title: Dynamics of Polynomila Diffeomorphisms of $\mathbb{C}^2$

Irina Popovici

Title: Uniform Hyperbolicity on Cycles Implies the Collect Eckmann Condition for Quadratic Polynomials

Rich Stankiewitz

Title: Uniformly Perfect Stes, Rational Semigroups Kleinian Groups and IFS's