"Wong-Rosay Theorem in the infinite dimensions"

Abstract:
The celebrated Wong-Rosay theorem in several complex variables says that every bounded domain in a finite dimensional complex Euclidean space with an automorphism group orbit accumulating at a strongly pseudoconvex boundary point is in fact holomorphically equivalent to the unit ball in the same dimension. It was generalized in various ways. In this talk, I will present an effective generalization to separable Hilbert spaces, as well as some new observations concerning the normal family of holomorphic mappings between infinite dimensional spaces. This pertains to the works of the speaker in collaboration with S. Krantz, and author collaboration with Byun and Gaussier.

Friday, September 28, 2001
3:00 PM in 335 Jabara Hall

Please come join us for refreshments before the lecture
at 2:30 p.m. in room 353 Jabara Hall.