Mathematics Colloquium at Jacobs University Bremen

Mikhail (Misha) Lyubich
(Stony Brook/NY and Toronto)
will speak on

Recent Developments on Local Connectivity of the Mandelbrot Set

Date: Thursday, January 24, 2008
Time: 16:15
Place: Lecture Hall Research II, Jacobs University

Abstract:
The Mandelbrot set $M$ is the bifurcation diagram in the complex quadratic family. It was conjectured about 25 years ago by Douady and Hubbard that this set is locally connected. This assertion would have a number of important consequences including complete topological understanding of $M$. In the talk we will give an overview of old and recent developments in this problem.

Colloquium Tea at ca. 15:45 in the Tea Room of Research II, close to the lecture hall. Everybody is welcome!