## "A Billiard Problem in Nonlinear Dissipative Systems"

Shin-Ichiro Ei (Hokkaido University, Japan)

The motion of camphor discs in a square domain is considered. Different motions from a usual Billiard problem are observed such as the existence of a stable limit cycle. This talk is mainly done according to the content of the monograph by Miyaji, E. and Mimura. The interaction of elliptic camphor discs is also mentioned.