

DOCTORAL SCHOOL

Young Mathematicians in Dynamical Systems (1097)

Dates: 25-29 November 2013 at CIRM (Marseille, France)

VIDEOS

Post-edited Which geodesic flows are left-handed?

Dehornoy, Pierre (Author of the conference) | CIRM (Publisher)



Left-handed flows are 3-dimensional flows which have a particular topological property, namely that every pair of periodic orbits is negatively linked. This property (introduced by Ghys in 2007) implies the existence of as many Birkhoff sections as possible, and therefore allows to reduce the flow to a suspension in many different ways. It then becomes natural to look for examples. A construction of Birkhoff (1917) suggests that geodesic flows ...

[37C27](#) ; [37C15](#) ; [37C10](#) ; [57M25](#)



Multi angle Precise statistical properties of the geodesic flow on periodic hyperbolic manifolds

Thomine, Damien (Author of the conference) | CIRM (Publisher)



[37D40](#) ; [37A50](#) ; [37D10](#)