Florin N Diacu* (diacu@uvic.ca), P.O.Box 3060 STN CSC, Victoria, B.C. V8W 3R4. The
n-body problem in spaces of constant curvature.

This talk traces the history of the n-body problem in spaces of constant curvature, which was initiated for n = 2 by
Bolyai and Lobachevsky in the 1830s, and studied by many mathematicians, including Dirichlet, Schering, Lipschitz,
Killing, Liebmann, Schrödinger, and many others. (Received September 03, 2009)