1117-53-4 **Rodrigo Ristow Montes*** (ristow@ufpr.nbr), Amazonas St, 818 ap 32, Curitiba, 80610030, Brazil. *Constant Contact Angle Surfaces in the Lorentz Group L^3.*

In this paper we establish the equation for the Gaussian Curvature and Laplacian equation of a constant mean curvature surface in the Lorentz Group $\mathbb{L}^3$. Using the Gauss equation we prove that constant mean curvature surfaces in $\mathbb{L}^3$ with constant contact angle have constant Gaussian curvature. Also, we provide a congruence theorem for constant mean curvature surfaces immersed in the Lorentz space $\mathbb{L}^3$. (Received May 28, 2015)