



UNIVERSIDADE FEDERAL DE ALAGOAS  
PROGRAMA DE PÓS GRADUAÇÃO EM MATEMÁTICA



## Seminário de Análise Não Linear

**Título:** The initial-boundary value problem for the Kawahara equation on the half-line

**Palestrante:** Márcio Cavalcante - UFAL

**Resumo:** In this talk we discuss about local well-posedness for the initial-boundary value problem associated to the Kawahara equation on the half-line. The results are obtained in the low regularity setting by introducing an analytic family of boundary forcing operators, following the ideas developed by Colliander, Kenig, Holmer and myself. This is a joint work with Chulkwang Kwak (from Catholic University).

**Local:** Sala da Pós-Graduação - IM Velho

**Data:** Quinta-feira, 19 de Abril de 2018

**Hora:** 10h