1067-45-2345   **Haewon Lee*** (`hlee@dillard.edu`), Department of STEM (Mathematics Program), College of Arts and Sciences, 2601 Gentilly Blvd., New Orleans, LA 70122, and **Peter Frempong-Mireku** (`pfmireku@dillard.edu`), Department of STEM (Mathematics Program), College of Arts and Sciences, 2601 Gentilly Blvd., New Orleans, LA 70122. *On Solutions for Fractional-order Functional Integrodifferential Equations with Infinite Delay.* Preliminary report.

In this paper we study the existence of mild solutions for fractional-order functional integrodifferential equations with infinite delay. The results are obtained by using fractional calculus, semigroup theory and the fixed point theorem. (Received September 22, 2010)