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Toka Diagana* (tokadiag@gmail.com), 2441 6th Street NW, Washington, DC 20059. *Existence of pseudo almost automorphic solutions to some classes of nonautonomous partial evolution equations.* Preliminary report.

In this talk we will discuss the existence of pseudo almost automorphic solutions to some classes of nonautonomous partial evolution equations on a Banach space. Using intermediate space techniques, some existence results will be presented. A few examples will also be given to illustrate the main result of the talk. (Received September 21, 2009)