

1165-37-131 **Eddy Kwessi*** (ekwessi@trinity.edu), 1 Trinity Place, 1 Trinity Place, San Antonio, TX
78212. *Discrete Dynamics of Dynamical Neural Fields.*

In this talk, we propose a discrete model for Dynamical Neural Fields based on nearly exact discretization schemes techniques. We discuss the stability analysis of this model based on various types of kernels and corresponding parameters. Simulations are given for illustration. (Received January 15, 2021)