



Brownsville Seminar

UTRGV

School of Mathematical
& Statistical Sciences

HIERARCHICAL NEURAL NETWORKS, P-ADIC PDES, AND APPLICATIONS TO IMAGE PROCESSING

SPEAKER: BABOUCARR DIBBA

Abstract: The goal is to introduce a new type of p-adic reaction-diffusion cellular neural network with delay. We study the stability of these networks and provide numerical simulations of their responses. The second goal is to provide a quick review of the state of the art of p-adic cellular neural networks and their applications to image processing.



TALK TIME: 12:45-1:45 PM,
OCTOBER 18 FRIDAY
TALK ROOM: BLHSB 1.316
AND IN ZOOM-LINK

COOKIES AND
COFFEE WILL BE
PROVIDED!!



For further information or for special accommodations, please contact Dr. Alexey Glazyrin via email alexey.glazyrin@utrgv.edu. More information about the seminar talks is available at the website: [website link!](#)