

Algebra Seminar:  
Max( $dL$ ) vs. Min( $L$ ), for  $M$ -Frames  $L$

Papiya Bhattacharjee

November 29, 2023

Title: Max( $dL$ ) vs. Min( $L$ ), for  $M$ -Frames  $L$

Speaker: Papiya Bhattacharjee, Florida Atlantic Univeristy

Abstract: The space of maximal  $d$ -ideals of  $C(X)$  is homeomorphic to the  $Z^\sharp$ -ultrafilters, and this space is the minimal quasi-F cover of a compact Tychonoff space  $X$ . In this talk the notions of maximal  $d$ -ideals and  $Z^\sharp$ -ultrafilters will be generalized for algebraic frames with the FIP. The speaker will also describe the relation between Max( $dL$ ) and the minimal primes element spaces of an algebraic frame  $L$ , Min( $L$ ) and Min( $L$ )<sup>-1</sup>.