Tristan Bice

Institute of Mathematics of the Polish Academy of Sciences (IMPAN), Poland

General locally compact locally Hausdorff Stone Duality

We present a couple of new dualities for bases of locally compact locally Hausdorff spaces. These faithfully extend Stones classic duality to non-0-dimensional spaces in a similar but more general way than dualities due to De Vries/Shirota and Wallman. Time permitting, we will outline their non-commutative extensions to étale groupoids which generalise constructions of Lawson and Exel.