

Non-compact Abelian extensions of distal minimal flows

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In this talk we discuss the structure of skew product extensions of distal minimal flows by Abelian locally compact non-compact groups. The simplest but most relevant case is of course the case of an \mathbb{R}^d -extension for $d \geq 1$, and the main challenge in comparison to the case $d = 1$ is to get hands on the “dependence” of the different real coordinates of the extension.