Birkbeck, Christopher
On the \( p \)-adic Langlands correspondence for algebraic tori. (English. French summary)

Motivated by \( p \)-adic Langlands correspondence conjecture, the author extends the classical Langlands correspondence for algebraic torus concerning complex representations to the setting of representations over divisible abelian topological groups, thus confirms the related \( p \)-adic Langlands correspondence. The argument follows the same path as did by Langlands via replacing \( \mathbb{C} \) by a general divisible abelian topological group \( D \).

Reviewer: Caihua Luo (Göteborg)

MSC:
11R39 Langlands-Weil conjectures, nonabelian class field theory
11R37 Class field theory

Keywords:
\( p \)-adic; Langlands; tori

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References:
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