

First Joint Meeting Brazil Italy of Mathematics
Special Session: Algebraic Geometry over Finite Fields
and its Applications to Coding Theory

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Title: Weierstrass semigroup and Automorphism group of the curves $X_{n,r}$

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Abstract: In this talk, we determine the Weierstrass semigroup $H(P_\infty)$ and the full automorphism group of a certain family of curves $X_{n,r}$, which was recently introduced by H. Borges and R. Conceio.