Classification of Lattes maps on $\mathbf{P}^2$

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Lattes maps belong to a special family of holomorphic maps on the complex projective space, the so-called critically finite maps. They have very unique dynamical properties. However, we are concerned with their classification in this talk. Several years ago, Milnor gave a classification of Lattes maps on $\mathbf{P}^1$. We will present a classification of Lattes maps on $\mathbf{P}^2$.