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Xiaolong Li* (xiaolol1@uci.edu), **Lei Ni** and **Kui Wang**. *Four-dimensional Shrinking Ricci Solitons with Nonnegative Isotropic Curvature.*

We show that a four-dimensional complete gradient shrinking Ricci soliton with positive isotropic curvature is either a quotient of

$$S^4$$

or a quotient of

$$S^3 \times R$$

. We also give a classification result on four-dimensional gradient shrinking Ricci solitons with non-negative isotropic curvature. This is joint work with Lei Ni and Kui Wang. (Received September 22, 2017)