

Abstract Submitted
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On particle acceleration in astrophysical relativistic jets¹
MIKHAIL MEDVEDEV, Univ of Kansas — Relativistic jets, e.g., in active galactic nuclei, are believed to be accelerators of high-energy cosmic rays. This is a lore but no justification of it exists. We investigate this problem from the first principles and present arguments that “no-jets” are better accelerators than the jets themselves.

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