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# The jets of microquasars during giant flares and quiet state

Trushkin S., Nizhelskij N., Tsybulev P., Zhekanis G.  
Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

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## Abstract

© 2017 by the authors. We report on the radio properties of jets of the following microquasars, as determined from daily multi-frequency monitoring observations with the RATAN-600 radio telescope during 2010-2017: V404 Cyg, SS433, Cyg X-1, GRS1915+105 and LSI+61°303. We have detected many giant flares from SS433, a powerful flare from V404 Cyg in June 2015, an active state of Cyg X-1 in 2017 and fifty periodic flares from LSI+61°303. We describe the properties of massive ejections based on multi-band (radio, X-ray and  $\gamma$ -ray) studies. The general properties of the light curves are closely connected with the processes of jet formation in microquasars.

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## Keywords

Black hole, Microquasars, Radio emission, Relativistic jets, Stars, Synchrotron radiation, X-ray binary, X-ray emission

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