

# 第三届黑洞天体物理前沿问题 年度研讨会 (2008)

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## Book of Abstracts



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## **Relationship between jet production and disk accretion**

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## **A Toy Model for 3:2 HFQPO Pairs in Black Hole Binaries XTE J1550-564 and GRO J1655-40**

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## **A Modified Synchrtron Model for Knots in the M87 Jet**

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Our best-fit model can reproduce the spectrum and polarization of Sgr A\* in millimeter and shorter wavelengths and further predicts distinct LP and CP at  $\sim 1$ THz. The model constraints the inclination angle of the MRI-driven torus as  $40^\circ \pm 10^\circ$ , and the position angle  $120^\circ \pm 30^\circ$ .

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## The variability of Sagittarius A\* at 3 millimeters

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