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Centre attaché à l'Observatoire de Genève



UNIVERSITÉ DE GENÈVE

ASTROPHYSICS SEMINAR



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Intra-night optical variability of different classes of powerful AGN

Gopal Krishna

(National Centre for Radio Astrophysics, Tata Institute, Pune, India)

Abstract. Intra-night monitoring of the optical flux has been carried out for a matched sample of 4 different classes of luminous quasars, consisting of radio-quiet and radio-loud quasars (including blazars). The campaign needed 112 nights of observations spread over 4 years. Intranight variations above 1% level were detected for all the four AGN classes, allowing their variability characteristics to be compared for the first time and to develop a possible common theoretical framework for the phenomenon.

Additional Information

The seminars are given in the ISDC "Pavillon" building

Address: INTEGRAL Science Data Centre, ch. d'Écogia 16, CH-1290 Versoix

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