

COMMISSION 27 OF THE I. A. U.
INFORMATION BULLETIN ON VARIABLE STARS

Number 3128

Konkoly Observatory
Budapest
8 January 1988
HU ISSN 0374-0676

COORDINATED MULTIWAVELENGTH OBSERVATIONS OF YY Gem

From 4-6 March 1988 a coordinated programme of observations of the eclipsing binary flare star, YY Geminorum, is planned involving IUE, GINGA (X-rays) and various ground-based facilities. The principal objectives of this programme are (1) to provide data on the surface structure of the two components of YY Gem by the techniques of rotational modulation and eclipse imaging, and (2), to observe flares over as many different wavelength regions as possible. This project presently involves the following institutes: Armagh Observatory, the Institute of Astronomy at the University of Catania, the Joint Institute for Laboratory Astrophysics of the University of Colorado, the Rutherford-Appleton Laboratory, Oxfordshire, the Laboratoire de Physique Stellaire et Planetaire du CNRS and the Institute for Astronomy of the University of Hawaii.

The purpose of this circular is to solicit observations from ground-based telescopes around the world during the period 19:00 UT 4 March to 19:00 UT 6 March 1988, with particular emphasis on the eclipses at the following times:

primary	secondary
	4 March UT=15:06
5 March UT=00:52	5 March UT=10:38
5 March UT=20:24	6 March UT=06:10
6 March UT=15:56	

Optical eclipses last approximately 2.15 hours.

YY Gem is a ninth magnitude companion of the bright star Castor from which it is separated by approximately one minute of arc. In order of preference, suggested comparison stars are the following: SAO 60181, SAO 60182 and SAO 61217.

We welcome the participation of any observer who can contribute either photometric or spectroscopic observations. Interested observers are requested to contact the undersigned and to notify us of their telephone and telex numbers and/or BITNET

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