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ABSTRACTS OF INVITED LECTURES AND PROGRAMME

Edited by Saša Simić, Luka Č. Popović and Milan S. Dimitrijević

Faculty of Sciences, Department of Physics, Kragujevac 2019

LIJIANG 2.4m TELESCOPE AND ITS INSTRUMENTS

Pu Du

*Institute of High Energy Physics, Chinese Academy of Sciences,
Beijing 100049, China*

We have used the 2.4-meter telescope at the Lijiang station of Yunnan Observatories, Chinese Academy of Sciences, to perform reverberation mapping of super-Eddington accreting massive black holes (SEAMBHs) for more than 7 years, and discovered that the SEAMBHs have shortened time lags by factors of 3-8 with respect to the radius-luminosity relation of the normal AGNs. We will present a brief introduction of the 2.4-meter telescope and the instruments.