

*Invited lecture*

## **VARIABILITY OF DOUBLE-PEAKED EMISSION LINES IN AGNs AS PROBE OF THE BLR STRUCTURE**

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Double-peaked emission lines, observed in a subset of AGNs, are regarded as a kinematic signature of line production in an accretion disk. The double-peaked line profile is observed to vary greatly with time, even becoming single-peaked at times in a few AGNs, highlighting the connection between double-peaked emitters and the general population of AGNs. Monitoring programs of double-peaked emitters often require many years since the variability timescale is several months. In order to optimize these monitoring programs, we target double-peaked emitters with low black holes mass, allowing us to build large multi-wavelength datasets in only one or two observing cycles. Then, we develop models of broad line region structure that include an accretion disk and an outflow and compare them with the observed variability of double-peaked line profiles, which allows us to put some constraints on the parameters in our models.