Progress Report

THE SPECTRAL CHANGES AND BLR KINEMATICS OF ERUPTIVE CHANGING LOOK AGN

M. W. Ochmann and W. Kollatschny

Institute for Astrophysics, Friedrich-Hund-Platz 1, 37077 Göttingen, Germany E-mail: mochmann@astro.physik.uni-goettingen.de

Optical changing look AGN exhibit changes of their spectral type from Sy-1 to Sy-2 or vice versa. Interestingly, these changes may happen on time scales of weeks to months and are often accompanied by outburts in several frequency regimes. However, despite increasing interest in this topic, the cause for the changig look phenomenon is still unknown. Therefore, line profile studies of these eruptive spectral changes offer unique insight into AGN variability and allow – in combination with spectroscopic reverberation mapping – to determine the BLR kinematics. Here we present results of recent spectroscopic variability campaigns for HE 1136-2304 and NGC 1566 which exhibited outbursts in July 2014 and July 2018, respectively.