

## DISSECTING MG II AND FE II EMISSION REGIONS IN INTERMEDIATE REDSHIFT QUASARS WITH SALT

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Active galactic Nuclei (AGN) host a supermassive black hole (SMBH) at the center surrounded by accreting materials falling into it. It also has gas clouds suspended just above the SMBH whose origins and structures are still unknown. The spectral information suggests these clouds are in motion around the SMBH. The central part is very dynamic which also shows sometimes the inflow and outflow of materials. We observe three intermediate redshift quasars with SALT for a spectroscopic study and performed a wavelength-resolved reverberation in order to understand the structure and the dynamic of the BLR clouds or infalling and outflowing materials. We developed first time ever the R-L relation for UV Fe II and compared it with optical Fe II and Mg II which helps us to disentangle their emission sites. I will elucidate more about the importance of our results and the inner structure of AGN.