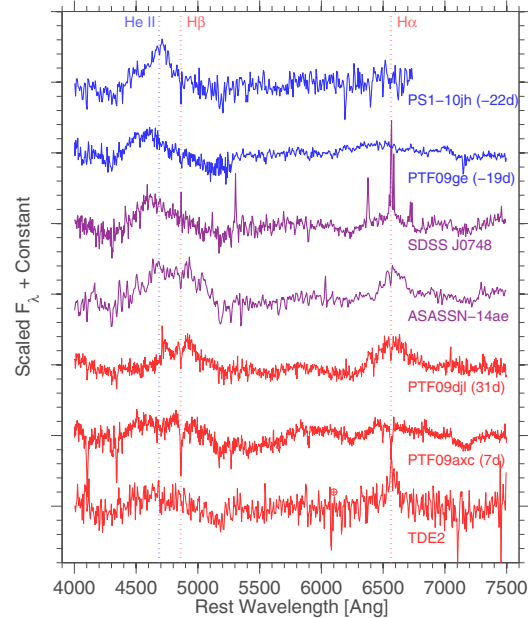


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multi-band evolution of tidal disruption events

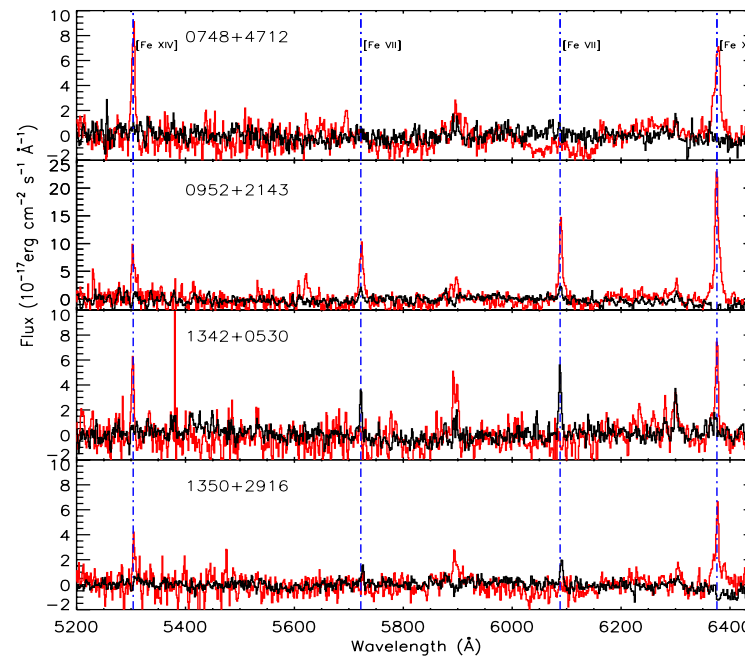
Optical bright events with broad recombination



Arcavi et al. 2014

Emitted by outflow gas and/or stellar debris
Provide dynamic and abundance information
Plus ionization models help us to understand disruption and accretion process

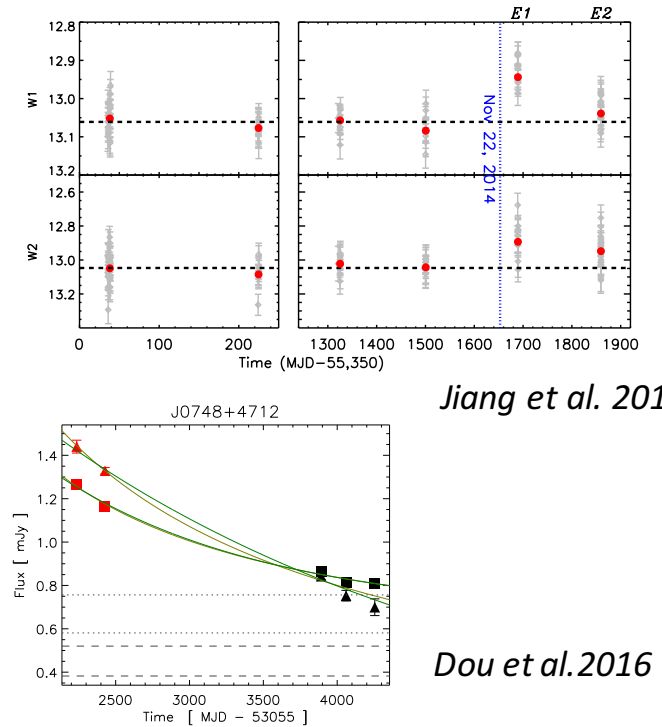
TDE with extreme coronal lines



Yang et al. 2013

Coronal lines evolve on time scale of ~10 years
probe of nuclear gas in quiescent galaxies
search new TDEs in future spectroscopy survey

Infrared Echo in TDE



Jiang et al. 2016

Dou et al. 2016

Infrared echo signal from WISE database
Dust environment in unclear region