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- AGN and Feedback
  - UV / optical nebular emission
  - large scale absorbers (shells)
- Photoionization modeling
  - metallicity diagnostics
  - kappa distribution ?
- Lyman-alpha
  - halos / blobs
  - transfer effects
  - Ly-alpha polarization
- Pop III at high-z
- Sometimes normal galaxies ...



**Splendiferous artists' impressions:  
quasar, Ly-alpha blob and Pop III**