HEAD 2000, November 2000
Session 1. Active Galaxies: Seyferts
Oral, Monday, November 6, 2000, 8:00-9:30am, Pago Pago Ballroom

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[1.05] High Resolution Spectroscopy of the Nuclear Region of NGC1068 with XMM-Newton/RGS

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The soft X-ray spectrum of the innermost regions (r < 30 arcsec) of NGC1068 as observed with the Reflection Grating Spectrometer on XMM/Newton displays a wealth of discrete features. Preliminary analysis of the spectrum indicates that the emission is completely dominated by recombination in cool, X-ray photoionized gas, with a possible contribution from emission following photoexcitation by the obscured central continuum source. We briefly discuss constraints on the properties of the emission line region derived from the spectroscopic analysis.