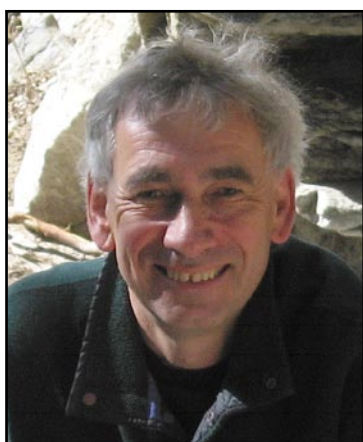




1st Annual
**JOHN BAHCALL
LECTURE**

Host Galaxies of Quasars
Bahcall, J. N. et al. 1997, ApJ, 479, 642

DECEMBER 4, 2006



PROF. RICHARD ELLIS

Steele Professor of Astronomy, California Institute of Technology

Cosmic Dawn: The Quest to Find the Earliest Galaxies

3:00 PM

in the Muller Auditorium of STScI
3700 San Martin Drive • Baltimore, MD 21218

Locating and characterizing the properties of the earliest galaxies represents the final frontier in our understanding of cosmic history. The first galaxies were probably low mass objects which merged to form the larger galaxies we see at redshifts 5–6. Their abundance and star formation rates may have been sufficient to reionize the Universe bringing the ‘Dark Ages’ to a close. This lecture will describe the observational challenges we face in locating this population with present facilities, the progress made so far, and the importance of continuing this quest in preparation for more detailed studies with the James Webb Space Telescope.