John B. Johnston, The Faraday Center, 103 Creamery Rd., Livingston Manor, NY 12758 (845) 439 - 4706Demonstrations: the eye of a needle and Poisson's spot via a laser and wire waves. 1. Diffraction and interference around the eye of a needle. LASER 0.9m Q 4 1 1+m 2. Poisson's spot - diffraction and interference around a small dia. ball bearing. LASER 0.4m 10 X lens 0.3m 1+m Patterns: scale: full These pieces are to be used with the wire waves I and/or II. 1/8" masonite disc ("ball bearing") painted flat black. Glue 3/8" dowel in wood block. Glue wood block, with dowel, on back. Front 1/8" masonite "eye of a needle" painted Front flat black.