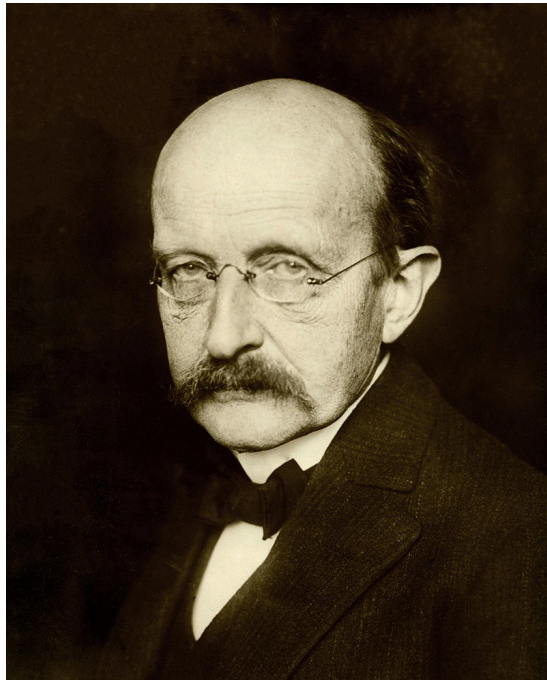


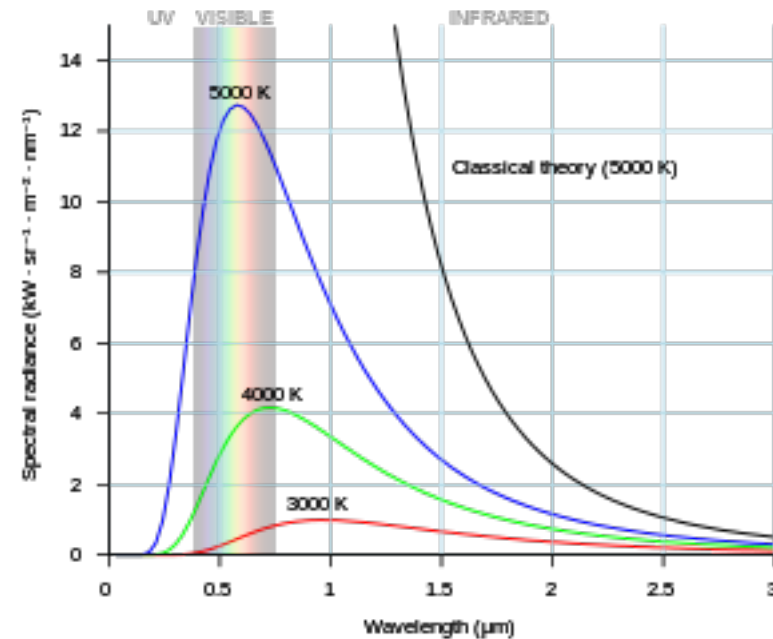


Max Karl Ernst Ludwig Planck 1858-1947

Germany

Nobel 1918

Planck's equation for black body radiation spectrum



Planck's assumption for light quant – the photon

Planck's constant h

$$E = h\nu$$

$$B_{\lambda}(\lambda, T) = \frac{2hc^2}{\lambda^5} \frac{1}{e^{\frac{hc}{\lambda k_B T}} - 1}$$