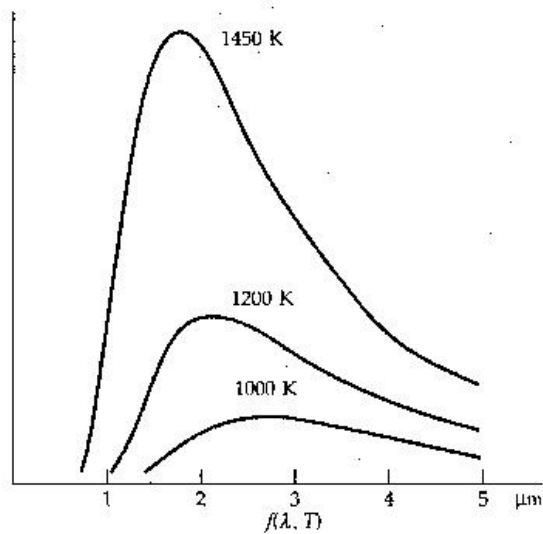


## Radiazione di corpo nero



⊙ legge dello spostamento - Wien (1894):

$$\lambda_m T = \text{costante}$$

$$\text{costante} = 2.897\ 769\ 4(49) \times 10^{-3} \text{ m K}$$

$$\text{Terra: } T = 290 \text{ K} \quad \Rightarrow \quad \lambda_m = 10^{-5} \text{ m}$$

$$\text{Sole: } T = 6000 \text{ K} \quad \Rightarrow \quad \lambda_m = 0.5 \times 10^{-6} \text{ m}$$

(luce visibile:  $\lambda = 0.4 - 0.7 \times 10^{-6} \text{ m}$ )