

Colloquium Notice

Boris Shapiro

Technion, Israel Institute of Technology

Fluctuating thermal electromagnetic fields

A hot body radiates an electromagnetic flux according to Kirchhoff's law. However, close to the body surface there are strong fluctuating fields which do not contribute to the electromagnetic flux. These fields are evanescent and decay exponentially away from the surface. Some phenomena, related to those fields, will be discussed and the effect of stationary currents on the electromagnetic field fluctuations will be pointed out.

Wednesday
February 20, 2013
Starts at 12:15 PM
Coffee at 12:00 PM
Physics Conference Room, SB B326