THE ROUTE FROM FUNDAMENTAL SCIENCE TO INNOVATION, HOW ARE IPODS POSSIBLE

Please join us for a lecture by Dr. Albert Fert!!

Come and learn how applied research led to a breakthrough in storage technology leading to iPods, smartphones, smaller hard drives and much, much more. He will also be discussing possible technological revolutions expected in the near future related to new components mimicking the way our brains send signals.

Monday, November 13, 2017
7:00 - 9:00 pm

Colorado State University
LSC Grand Ballroom
1101 Center Ave Mall
Fort Collins, CO

About Dr. Albert Fert

He is a French born physicist who studied at the Ecole Normale Supérieure in Paris and received the 2007 Nobel Prize in physics. He is currently a professor at the University of Paris-Saclay while pioneering work on new devices called skyrmions.

GMR Technology Overview

GMR stands for Giant Magnetoresistance and refers to an effect observed in thin films of alternating magnetic and non-magnetic layers. The effect decreases electrical resistance in the presence of magnetic fields allowing devices, such as iPods, to read tighter packed information on smaller hard disks.