



School of Nano Science



IPM Condensed Matter &  
Statistical Physics Group

## Weekly Seminar

**The interaction of light and nanoparticles, quantum dots, and quantum rings**

Invited speaker:

***Dr. MirFaez Miri***

*Department of Physics, University of Tehran, Tehran, Iran*

### **Abstract:**

Many studies are devoted to the interaction of light and matter. First I remind some basic points such as light scattering, optical activity, and optical properties of excitons. Then I introduce recent works of our group on hybrid quantum dot-nanoparticle systems, terahertz radiation, quantum rings, and magnetic hotspots.

**Wednesday, 22 Aban 1398 (November 13, 2019), 14:00-15:00**

**Seminar Room (Classroom A), Farmanieh Building, IPM**