

**Benemérita Universidad Autónoma de Puebla**



**Instituto de Física  
"ING. LUIS RIVERA TERRAZAS"**



**Curso Corto – práctico**

**"Elaboration of magnetic colloids"**

**Dr. Marcelo Sousa**

**Universidade de Brasília - Brazil**

**Ecocampus Val 2 – Laboratório 105**

**Miércoles (6/11) – 12:00 h**

**Jueves (7/11) – 15:00 h**

**Viernes (8/11) – 10:00 h**

**PROGRAM:**

- **Synthesis of magnetic nanoparticles by co-precipitation**
- **Optimization of surface funcionalization**
- **Dispersion of nanoparticles in different solvents by electrostatic, steric and electrosteric forces**
- **Characterization of nanoparticles**
- **Characterization of colloids**