



SEMINAIRE ISMO

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MOLECULAR SPIN FILTERS

The striking experimental observation that organic chiral molecules can act as electron spin polarizers, despite the fact that this type of behavior is usually associated with atoms with large atomic number, has received considerable attention.

In this contribution I will discuss the current status of the theory, particularly the explicit connection between spin polarization and electron transmission which is crucial to explain the experimental observations that the longitudinal polarization depends on the number of turns of helical molecules and the existence of spin selection.

**Attention !
Jour inhabituel**

Vendredi 20 juin 2014 à 11h
Bât 351 – 2^{ème} étage (Bibliothèque)
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