

物理教室
物性コロキウム

日時： 7月22日(木) 16:30 - 18:00

場所： 理学部 総合研究棟 745号室(大学院講義室)

講師： Frédéric Mila (Institute of Theoretical Physics,
Ecole Polytechnique Fédérale de Lausanne, Switzerland)

題目： Strong coupling approach to quantum frustrated magnetism

要旨： The interplay of frustration and quantum fluctuations in antiferromagnets is a very active field of research, with a rapidly growing number of compounds whose properties are a real challenge to theorists. While semi-classical approaches have their merit, strong coupling theories, which start from an exact description of small sub-systems, appear to be the most promising route to describe systems without magnetic long-range order. In this talk, I will review recent successes of this approach, in particular in explaining the occurrence of magnetization plateaux in some frustrated magnets and in unveiling the properties of odd-legged spin tubes.

連絡先： 坂井 徹 (217-6440)

16:15 よりコーヒー、紅茶、お菓子を用意します。

世話人： 高橋 隆 (217-6417) 中島龍也 (217-6441)
松井広志 (217-6604) 内田就也 (217-7756)