

21COE物質階層融合科学セミナー 物性コロキウム

日時：11月16日（火）16:00—16:45

場所：理学部 物理A棟225号室

（物質階層融合科学共通セミナー室）

講師：C. Detlefs

（European Synchrotron Radiation Facility）

題目：Diffraction physics with polarized x-rays:
Recent developments and current challenges

Abstract:

Although linear polarization analysis of the diffracted x-ray beam has become a routine method, especially in magnetic x-ray scattering, experimental conditions are still far away from perfection. This is even more true for the use of x-ray phase plates which may be employed to change the polarization of the incident beam. This talk will discuss recent developments on the technical, experimental and theoretical side, and it will outline the remaining challenges that need to be addressed in the near future. To show an example where x-ray diffraction with polarization analysis significantly improved our understanding of a sample, I will present our recent results on NpO_2 .

連絡先：松村 武 (217-6487)

☆ 15:45よりコーヒー、紅茶、お菓子を用意します。カップを持ってお集まり下さい。

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