



## 597<sup>th</sup> ASRC Seminar

Date: 11:00~12:00, Wednesday, 3 June

Location: Meeting Room 302, ASRC bldg.

Speaker: Dr. Stewart E. Barnes(University of Miami)

Title: Perpendicular magnetic anisotropy, the Rashba effect, and graphene covered 3d magnets

**Abstract: Recent experiments by Matsumoto et al. on graphene/nickel and by Rougemaille et al. on graphene/cobalt suggest a very strong surface contribution of 3d transition series magnets covered by graphene. They are also, sometime controversial, measurements of the Rashba effect for such systems. I will evaluate the possible applicability the recent, Barnes et al., Rashba theory of a perpendicular magnetic anisotropy for such material combinations.**



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