



# Graduate Program in Spintronics Seminar

## “ULTRAFAST SWITCHING OF SPINTRONIC DEVICES”

Reducing the energy-delay product of spintronic devices is paramount for their applications in post-CMOS nanoelectronics. In this presentation I will describe ongoing efforts in our laboratory to achieve this goal. These range from schemes employing novel exchange coupled nanomagnets to plasmon assisted fs switching.

### Dr. Ernesto E. Marinero

Professor

MATERIALS ENGINEERING AND ELECTRICAL  
AND COMPUTER ENGINEERING  
PURDUE UNIVERSITY



Time : 1:00pm-2:30pm

Date : Tuesday, August 7

Venue: Seminar Room

2<sup>nd</sup> floor, Main building, AIMR

Katahira Campus, Tohoku University

[Katahira Campus]



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