

自旋電子學展望論壇

Forum on Prospect of Spintronics

時間：2018 年 1 月 24 日

地點：普通教學館 R204

主持人：黃斯衍助理教授 國立台灣大學物理系

Time: 24/January/2017

Location: Core Subjects Classroom Building Classroom 204

Chair: Prof. Ssu-Yen Huang, NTU Physics

Time 時間	Events 活動內容
16:30~17:05	講者：錢嘉陵 教授 約翰霍普金斯大學 講題：The unending saga of spin, from Stern-Gerlach experiment to pure spin current Speaker: Prof. Chia-Ling Chien, JHU Title: The unending saga of spin, from Stern-Gerlach experiment to pure spin current
17:05~17:40	講者：論壇引言人 台大物理林敏聰教授、台大物理郭光宇教授、清華電機張孟凡教授、台積電池育德副處長 Forum Presentation
17:40~18:00	Roundtable discussion

The unending saga of spin, from Stern-Gerlach experiment to pure spin current,

C. L. Chien, Johns Hopkins University

Electron spin has played central roles in condensed matter physics since the inadvertent discovery of spin by Stern and Gerlach in 1922. Notwithstanding the spectacular successes in spintronics over three decades and continuing unabated, we discuss some recent advents and issues in pure spin current phenomena, spin-to-charge conversion, and spin orbit torque switching.