

NEMS 512000 Multidisciplinary Theory for Nano and Micro Applications

NEMS 512000 多領域耦合理論與應用

F2F3F4 台達館 301 室

奈微所 博士班必修

Course Description:

This course will be hosted by four professors in the institute of NEMS. This course will handle the coupling issues including theories and applications of different disciplinary theory for micro and nano applications.

簡介: 本課程由本所所有專任教授合輪流開, 本次有四項主題, 有四位教授, 內容為講述在奈米以及微米尺度下多領域耦合的理論與相關應用。

Syllabus (課程大綱)

日期	課程內容	負責教授
9/22	Opening the Course	傅建中 Prof. Fu
9/29 10/06 10/13	Material vs. Optics	羅丞曜 Prof. Lo
10/20 10/27 11/03	Biochemistry vs. Optoelectronics	王玉麟 Prof. Wang
11/10	Orientation in the Middle of Semester	傅建中 Prof. Fu
11/17 11/24 12/01	Optics vs Structures	傅建中 Prof. Fu
12/08 12/15 12/22	Transport vs. Structures	陳致真 Prof. Chen
1/5	Final Exam	傅建中 Prof. Fu

Evaluation: 50% Mid-Term Report, 50% Final Exam

Final Grade will be based on the ranking in the class.